

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051218.D
 Acq On : 07 Oct 2022 14:40
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Oct 08 00:46:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:36:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	238283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	74020	3.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.909	69	63882	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.562	65	29136	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.636	46	201376	49.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.063	84	148516	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.700	65	77316	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	283308	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.690	67	96485	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.896	98	269590	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.179	79	34646	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	127344	51.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79452	4.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	85922	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	96451	5.120	ug/L	99
3) Chloromethane	1.520	50	127495	4.820	ug/L	98
5) Vinyl chloride	1.601	62	126662	4.882	ug/L	96
6) Bromomethane	1.855	94	72827	5.154	ug/L	99
8) Chloroethane	1.932	64	81506	4.926	ug/L	99
9) Trichlorofluoromethane	2.134	101	146844	4.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	90131	5.021	ug/L	99
12) 1,1-Dichloroethene	2.575	96	80759	4.795	ug/L	94
13) Acetone	2.646	43	167732	54.526	ug/L	98
14) Carbon disulfide	2.787	76	246751	4.783	ug/L	100
15) Methyl Acetate	2.957	43	42078	5.627	ug/L	98
16) Methylene chloride	3.041	84	118192	4.753	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	212176	5.500	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89865	5.072	ug/L	96
19) 1,1-Dichloroethane	3.867	63	187240	5.121	ug/L	99
21) 2-Butanone	4.713	43	273545	56.424	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	102032	5.199	ug/L	96
23) Bromochloromethane	4.977	128	49162	5.250	ug/L	95
25) Chloroform	5.086	83	189592	4.964	ug/L	99

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 ALS Vial : 7 Sample Multiplier: 1

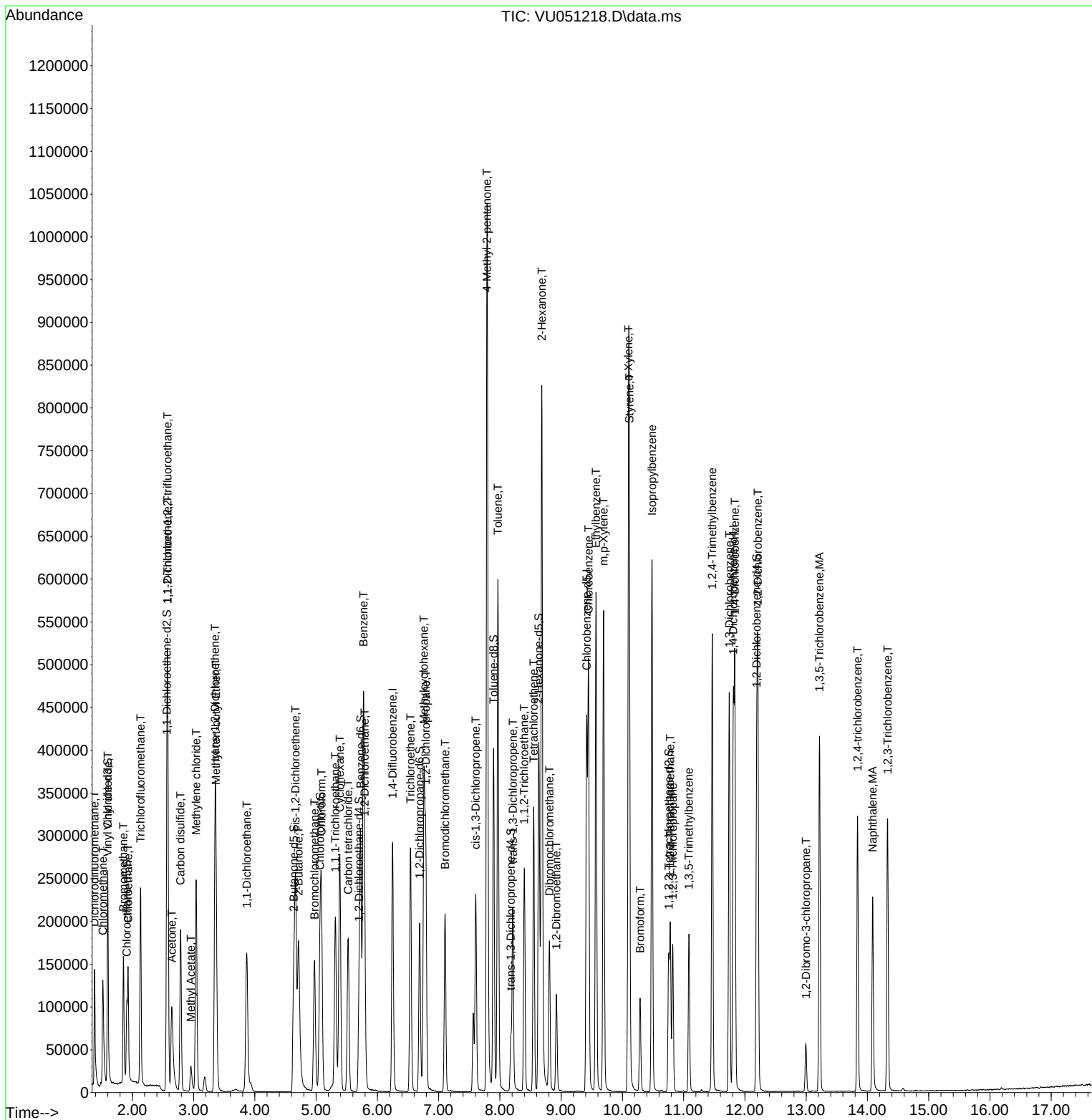
Instrument :
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 ClientSampleId :
 VICV061

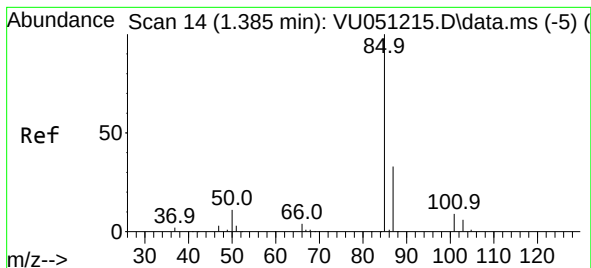
Quant Time: Oct 08 00:46:03 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:36:42 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120380	5.262	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	146327	5.125	ug/L	98
30) Cyclohexane	5.388	56	125680	5.190	ug/L	96
31) Carbon tetrachloride	5.523	117	122115	5.055	ug/L	97
33) Benzene	5.774	78	415930	5.229	ug/L	100
34) Trichloroethene	6.539	95	100014	5.040	ug/L	99
35) Methylcyclohexane	6.761	83	128289	5.124	ug/L	99
37) 1,2-Dichloropropane	6.790	63	114634	5.258	ug/L	100
38) Bromodichloromethane	7.105	83	137607	5.291	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	140190	5.349	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	674302	58.947	ug/L	99
42) Toluene	7.967	91	442813	5.244	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	125057	5.518	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	83521	5.456	ug/L	97
47) Tetrachloroethene	8.552	164	71161	4.877	ug/L	99
48) 2-Hexanone	8.684	43	516823	60.679	ug/L	98
49) Dibromochloromethane	8.809	129	88539	5.151	ug/L	95
50) 1,2-Dibromoethane	8.922	107	76262	5.596	ug/L	97
51) Chlorobenzene	9.446	112	267794	5.308	ug/L	98
52) Ethylbenzene	9.568	91	404698	5.333	ug/L	98
53) m,p-Xylene	9.694	106	157012	5.335	ug/L	100
54) o-Xylene	10.099	106	153860	5.526	ug/L	97
55) Styrene	10.115	104	272099	5.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	101005	5.330	ug/L	99
59) Bromoform	10.288	173	48178	5.117	ug/L	98
60) Isopropylbenzene	10.485	105	381954	5.329	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	75249	5.266	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96553	5.078	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	281968	5.244	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	188254	5.310	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	183988	5.265	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	181349	5.261	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15268	5.586	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	127517	5.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	98350	5.662	ug/L	97
71) Naphthalene	14.086	128	183977	5.698	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101098	5.627	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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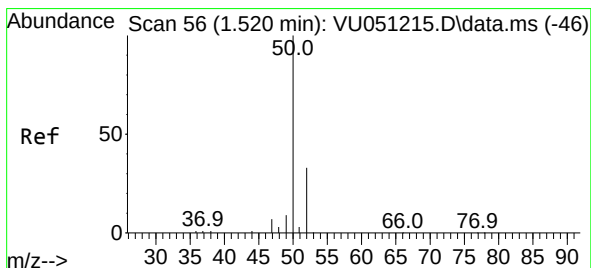
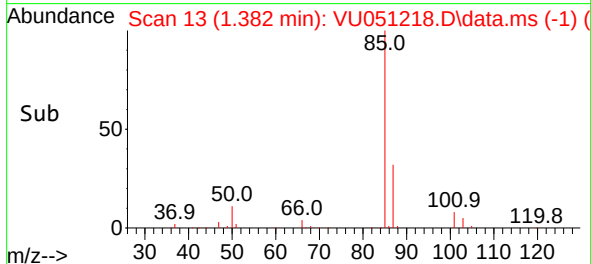
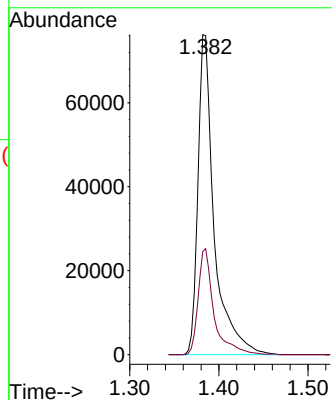
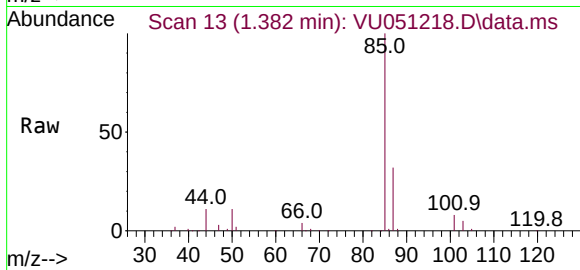




#2
Dichlorodifluoromethane
Concen: 5.120 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

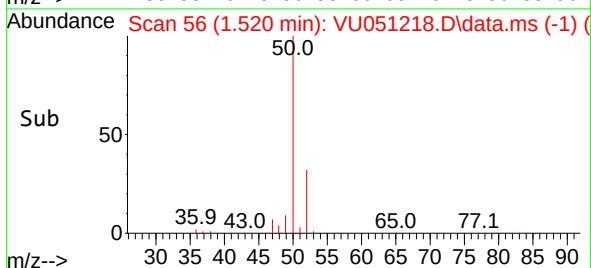
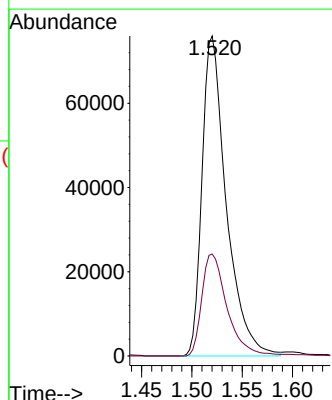
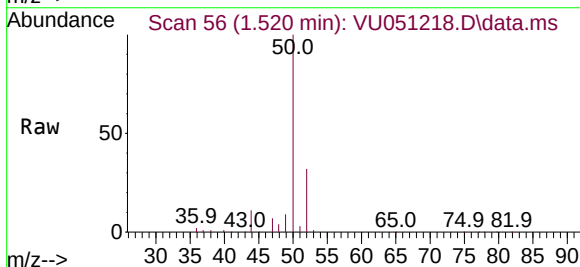
Instrument :
MSVOA_U
ClientSampleId :
VICV061

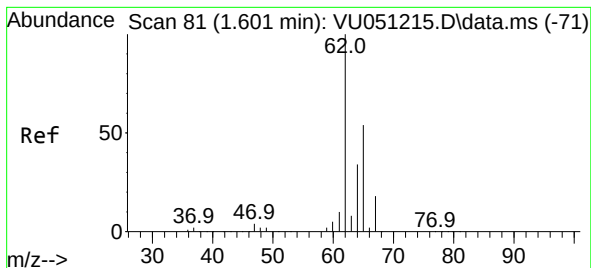
Tgt Ion: 85 Resp: 96451
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.4



#3
Chloromethane
Concen: 4.820 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 50 Resp: 127495
Ion Ratio Lower Upper
50 100
52 31.8 22.9 42.5





#5

Vinyl chloride

Concen: 4.882 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

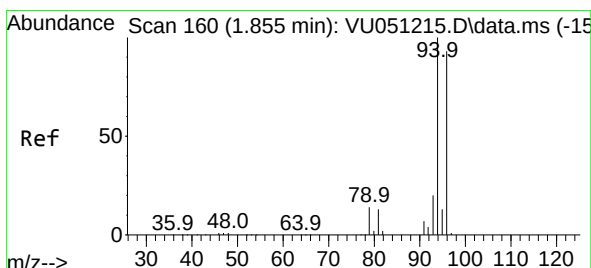
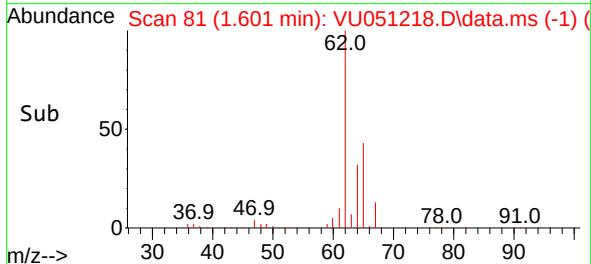
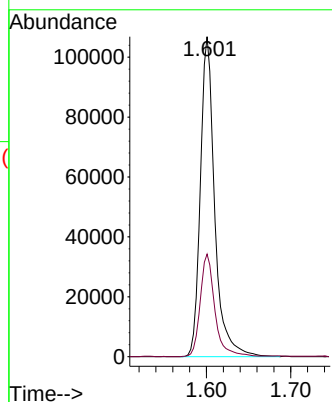
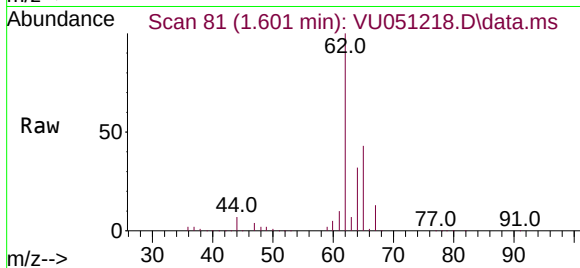
VICV061

Tgt Ion: 62 Resp: 126662

Ion Ratio Lower Upper

62 100

64 32.1 24.0 44.6



#6

Bromomethane

Concen: 5.154 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU051218.D

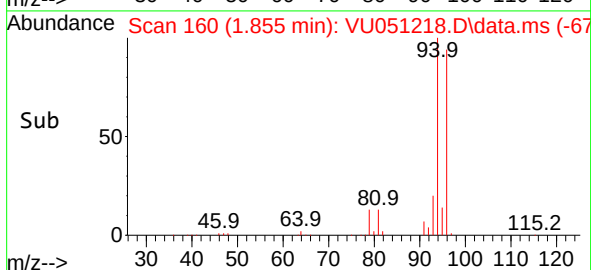
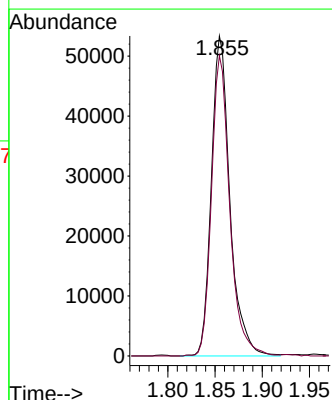
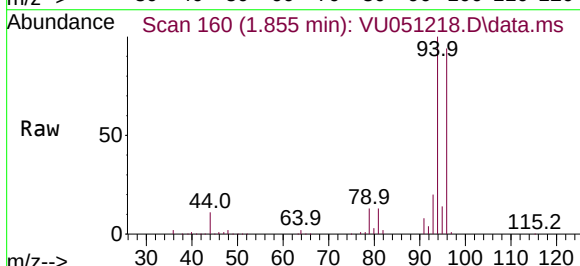
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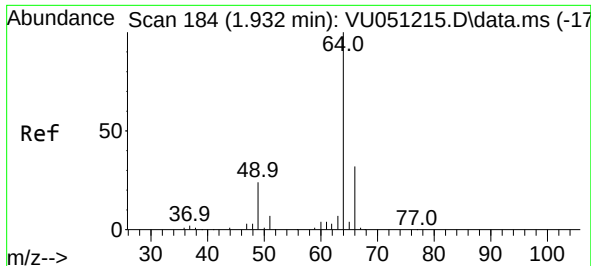
Tgt Ion: 94 Resp: 72827

Ion Ratio Lower Upper

94 100

96 93.9 64.9 120.5

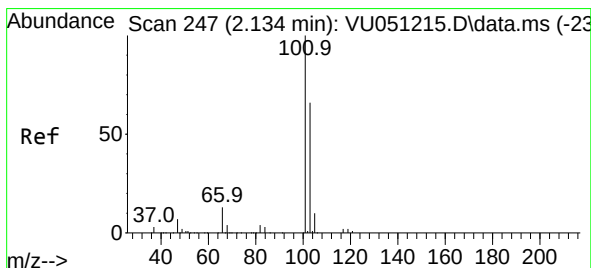
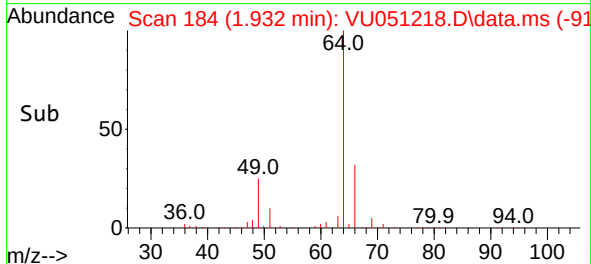
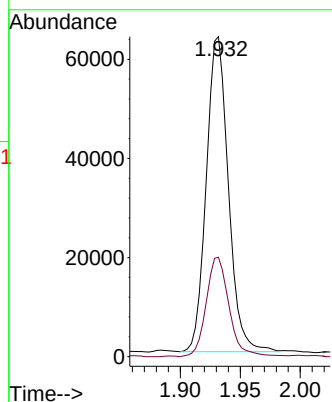
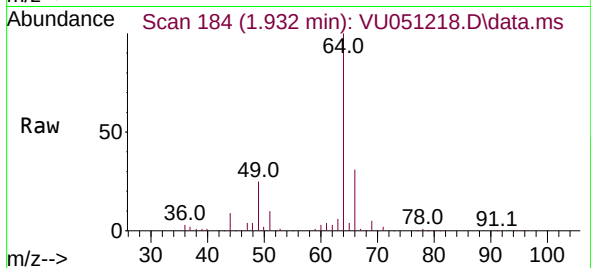




#8
Chloroethane
Concen: 4.926 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

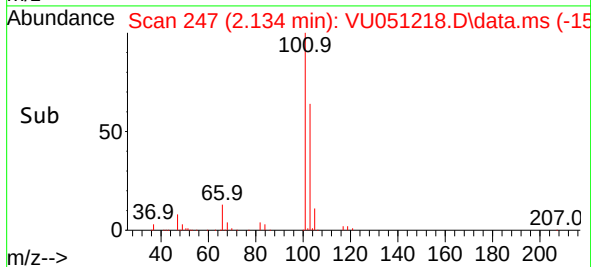
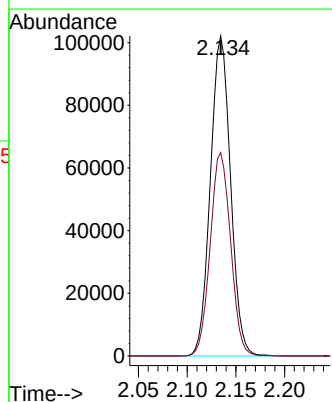
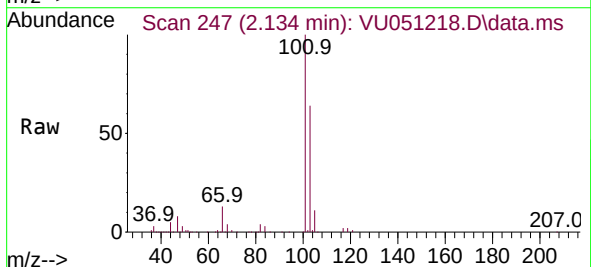
Instrument :
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ClientSampleId :
VICV061

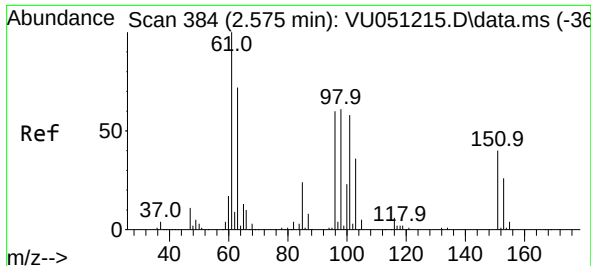
Tgt Ion: 64 Resp: 81506
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.910 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion:101 Resp: 146844
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

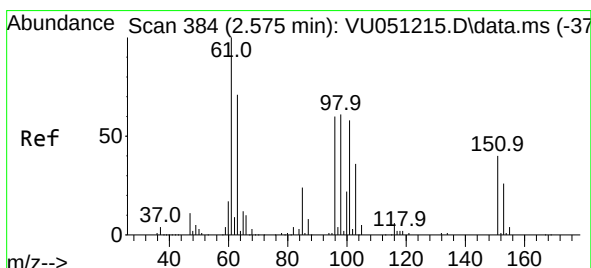
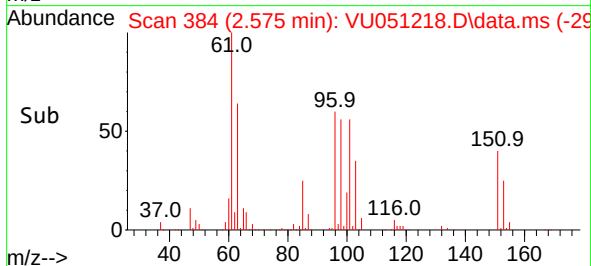
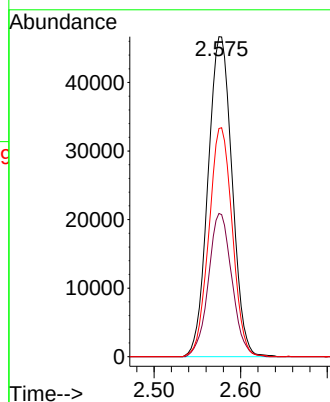
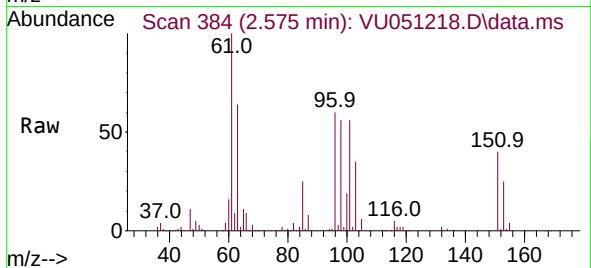




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.021 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

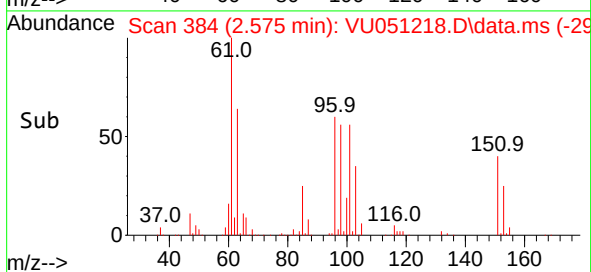
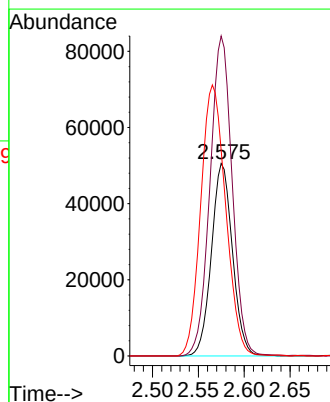
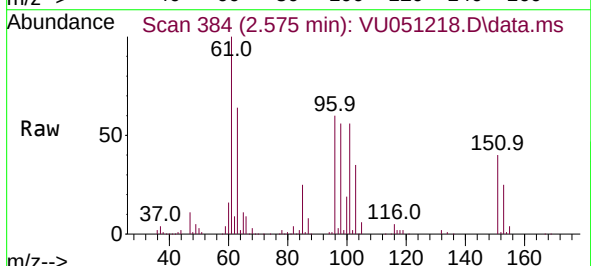
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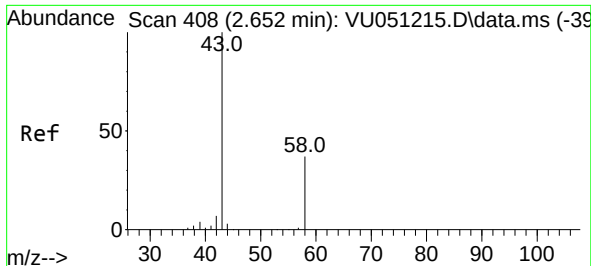
Tgt Ion:101 Resp: 90131
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 51.8
 151 69.7 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.795 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

Tgt Ion: 96 Resp: 80759
 Ion Ratio Lower Upper
 96 100
 61 166.2 117.6 218.4
 63 106.9 85.2 158.2





#13

Acetone

Concen: 54.526 ug/L

RT: 2.646 min Scan# 408

Delta R.T. -0.006 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

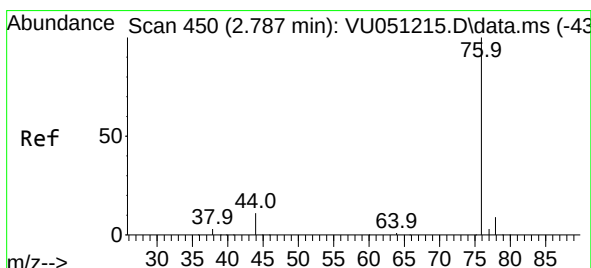
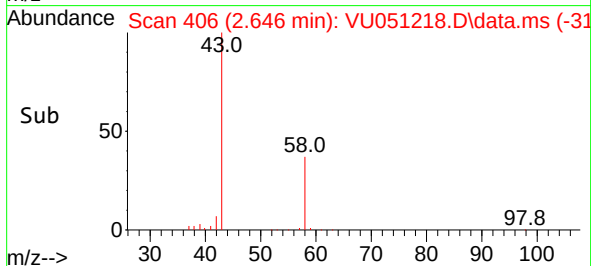
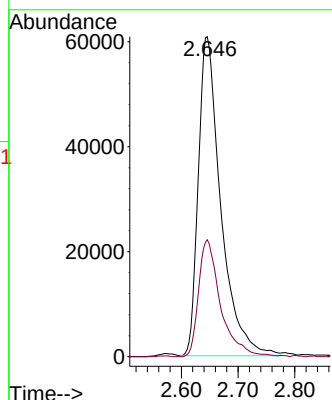
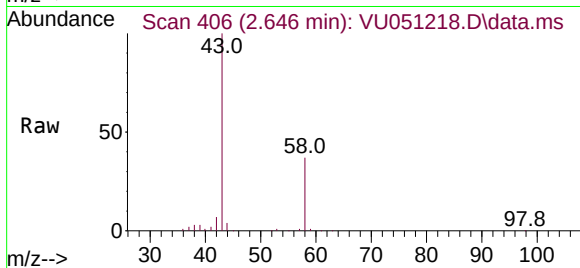
VICV061

Tgt Ion: 43 Resp: 167732

Ion Ratio Lower Upper

43 100

58 35.7 0.0 68.8



#14

Carbon disulfide

Concen: 4.783 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU051218.D

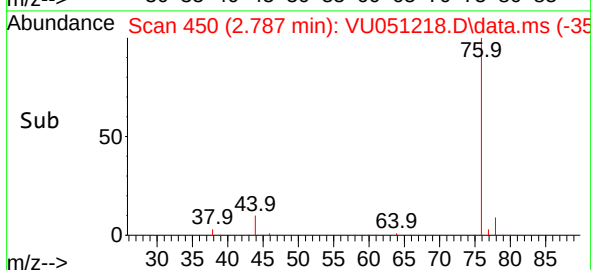
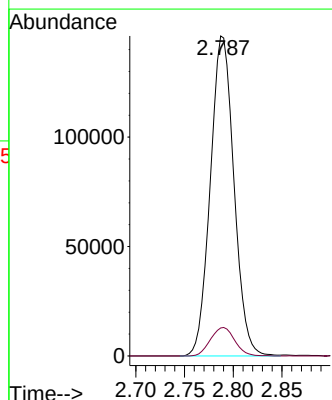
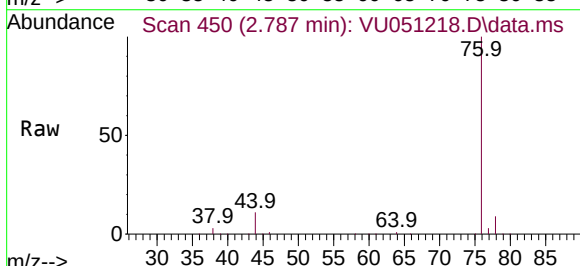
Acq: 07 Oct 2022 14:40

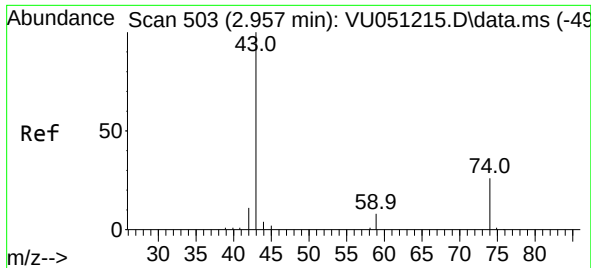
Tgt Ion: 76 Resp: 246751

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

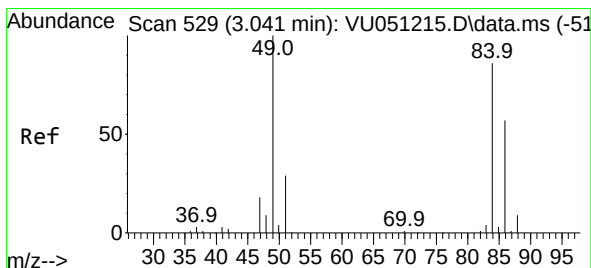
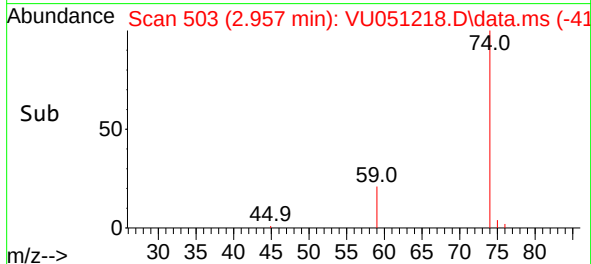
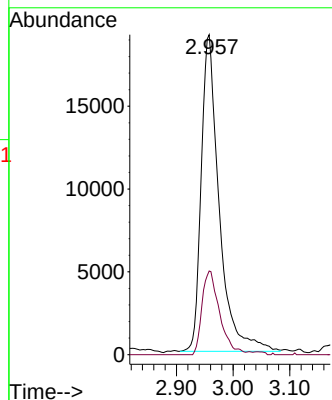
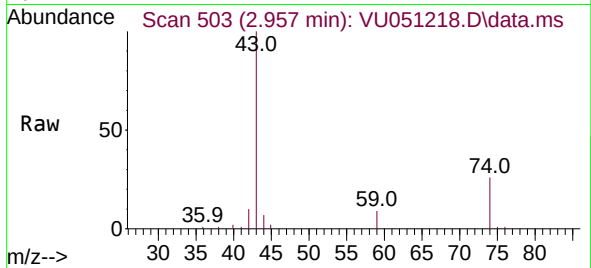




#15
Methyl Acetate
Concen: 5.627 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

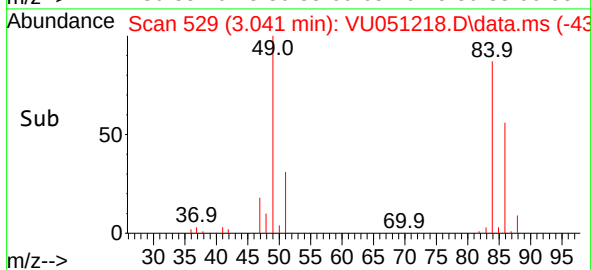
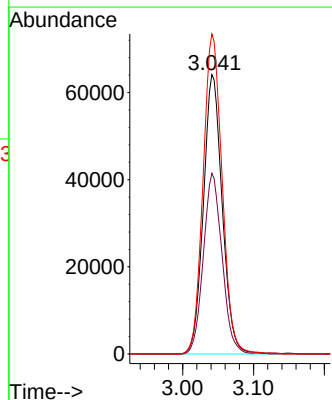
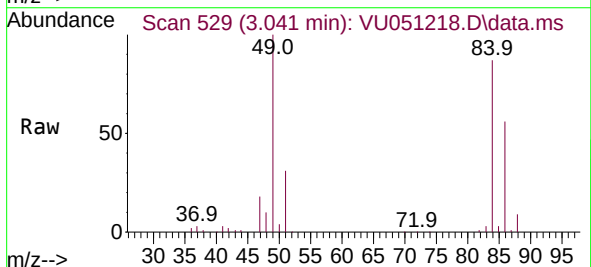
Instrument :
MSVOA_U
ClientSampleId :
VICV061

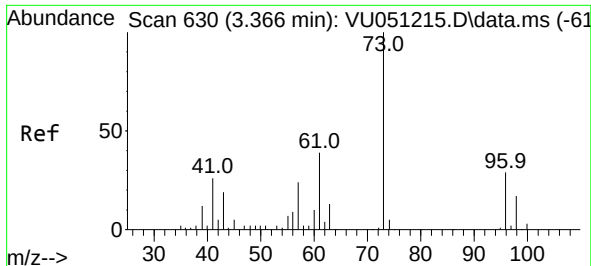
Tgt Ion: 43 Resp: 42078
Ion Ratio Lower Upper
43 100
74 25.9 20.0 30.0



#16
Methylene chloride
Concen: 4.753 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 84 Resp: 118192
Ion Ratio Lower Upper
84 100
86 64.7 46.5 86.3
49 114.5 81.3 151.1

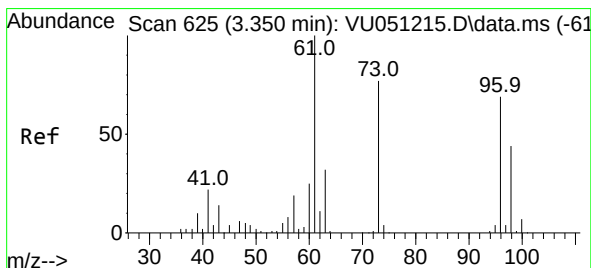
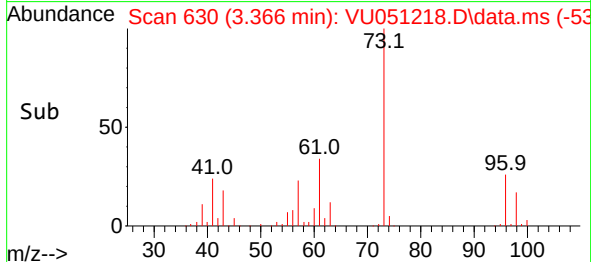
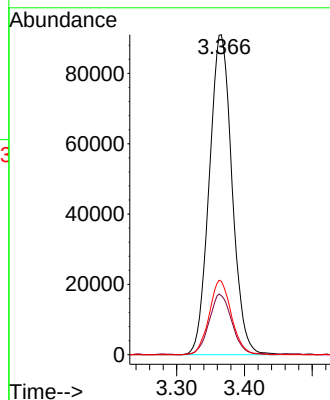
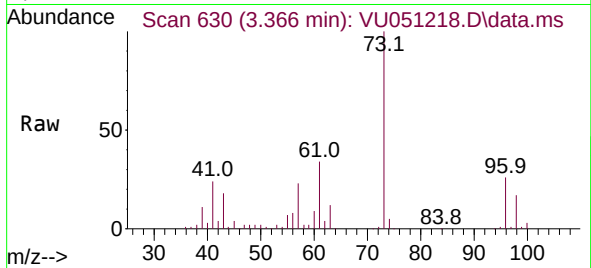




#17
Methyl tert-butyl Ether
Concen: 5.500 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

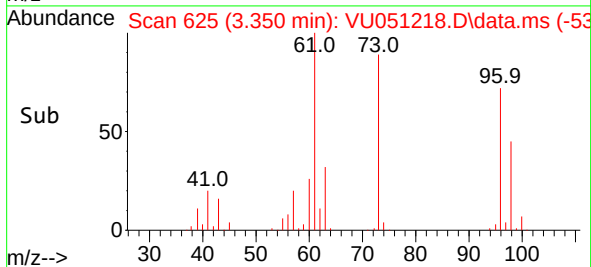
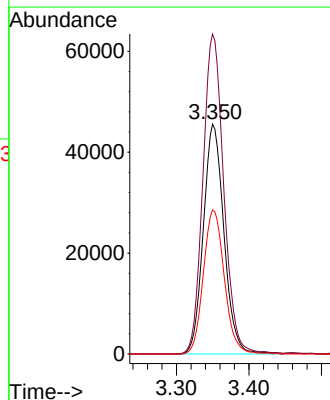
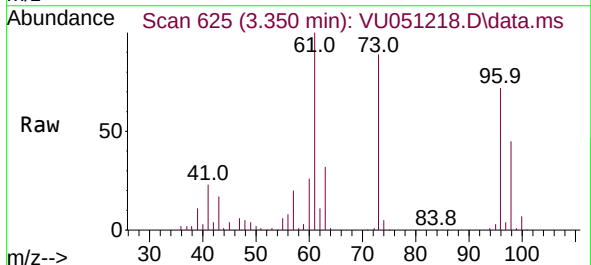
Instrument :
MSVOA_U
ClientSampleId :
VICV061

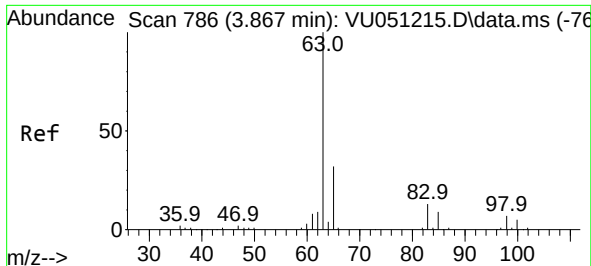
Tgt Ion: 73 Resp: 212176
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.0
57 22.7 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 5.072 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 96 Resp: 89865
Ion Ratio Lower Upper
96 100
61 139.2 101.4 188.2
98 62.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.121 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

VICV061

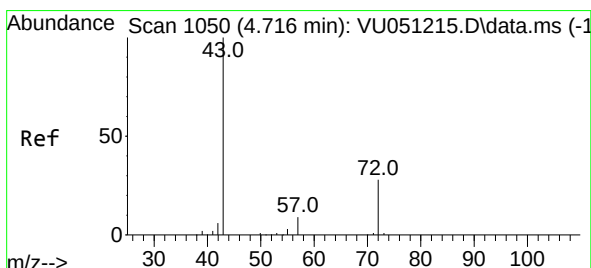
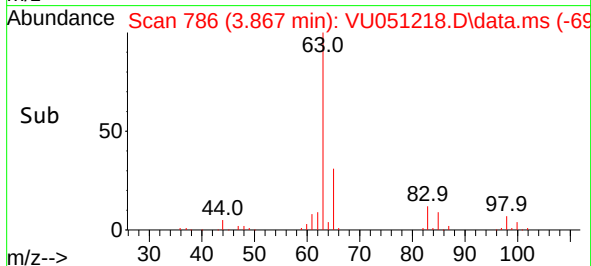
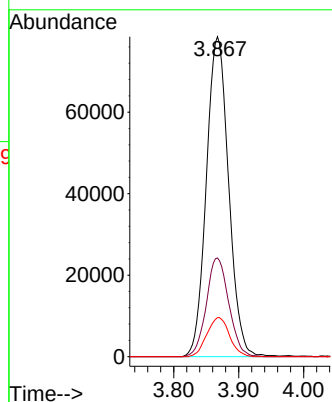
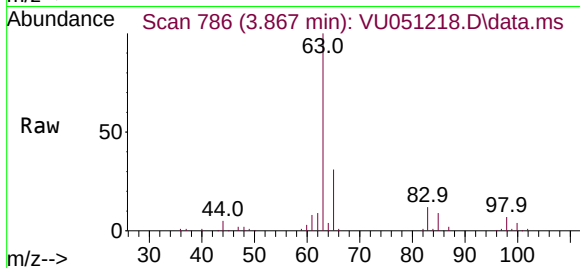
Tgt Ion: 63 Resp: 187240

Ion Ratio Lower Upper

63 100

65 30.8 22.0 41.0

83 12.2 9.0 16.6



#21

2-Butanone

Concen: 56.424 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU051218.D

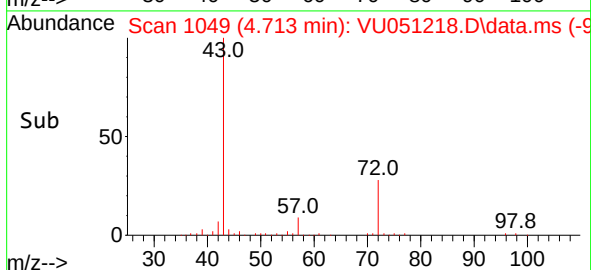
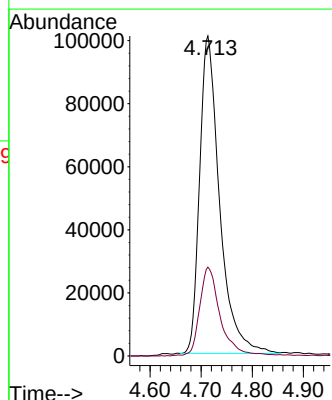
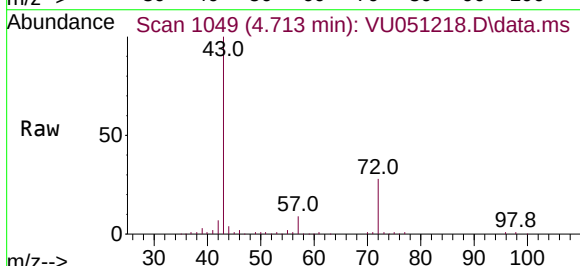
Acq: 07 Oct 2022 14:40

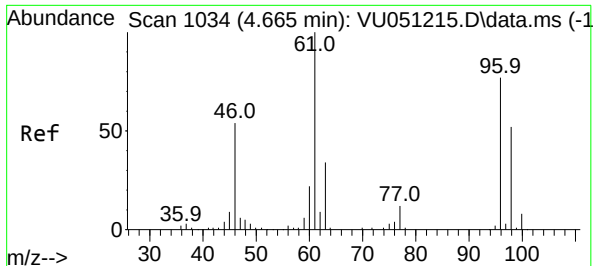
Tgt Ion: 43 Resp: 273545

Ion Ratio Lower Upper

43 100

72 28.8 13.8 41.4

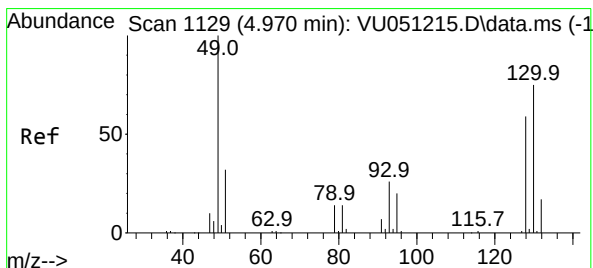
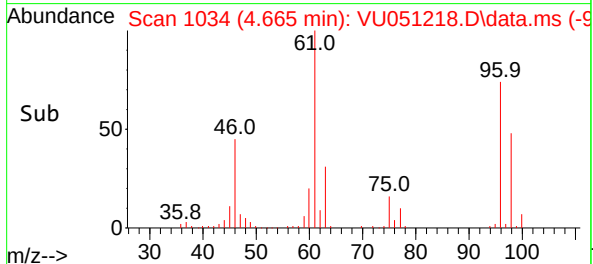
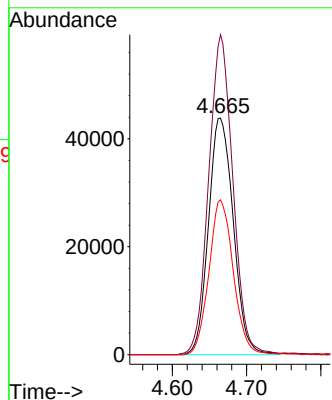
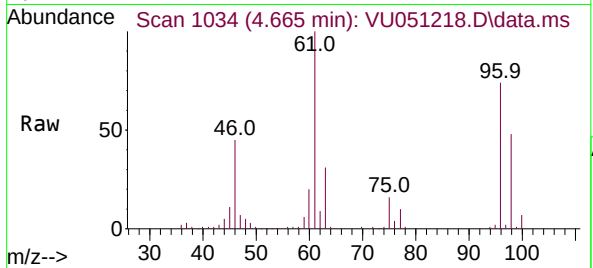




#22
 cis-1,2-Dichloroethene
 Concen: 5.199 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

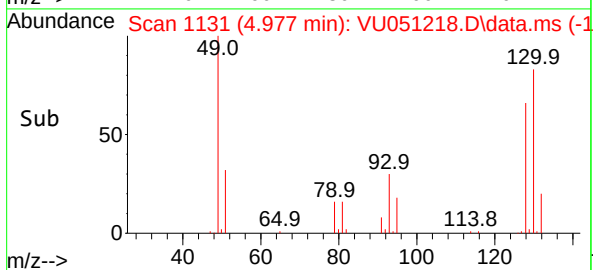
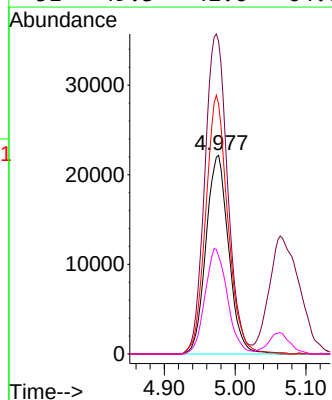
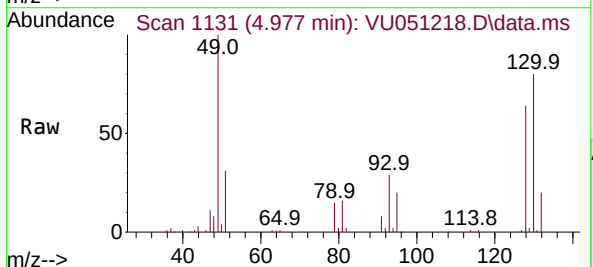
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

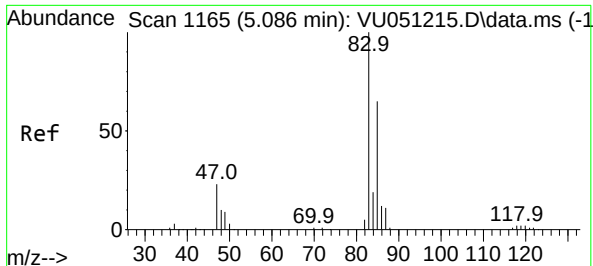
Tgt Ion: 96 Resp: 102032
 Ion Ratio Lower Upper
 96 100
 61 135.2 90.6 168.2
 98 65.4 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.250 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

Tgt Ion:128 Resp: 49162
 Ion Ratio Lower Upper
 128 100
 49 157.3 118.0 219.2
 130 125.9 88.8 164.8
 51 49.3 42.6 64.0





#25

Chloroform

Concen: 4.964 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

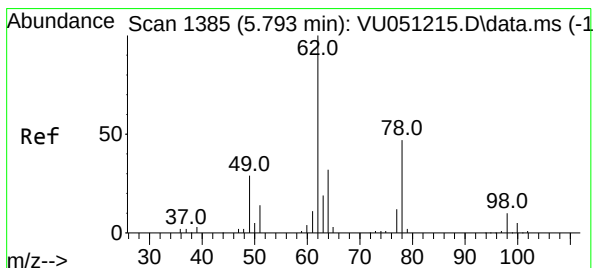
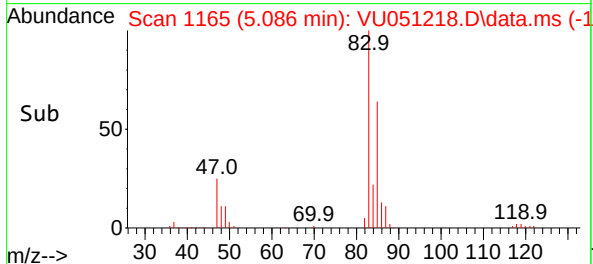
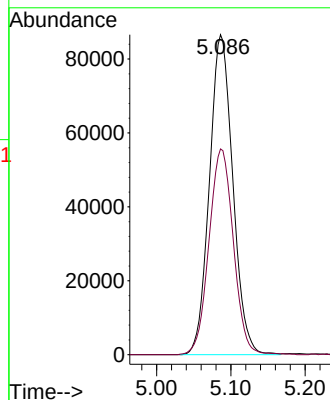
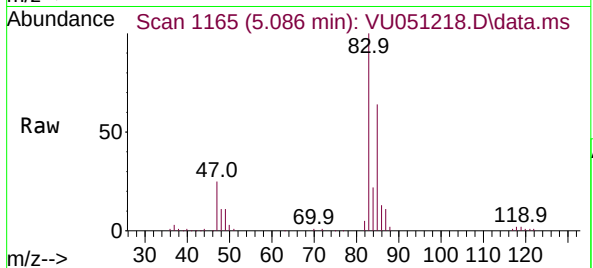
VICV061

Tgt Ion: 83 Resp: 189592

Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.262 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051218.D

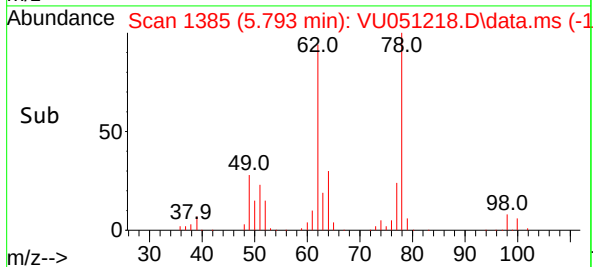
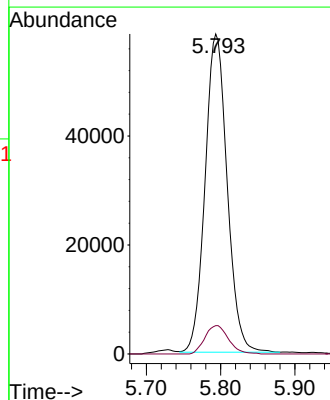
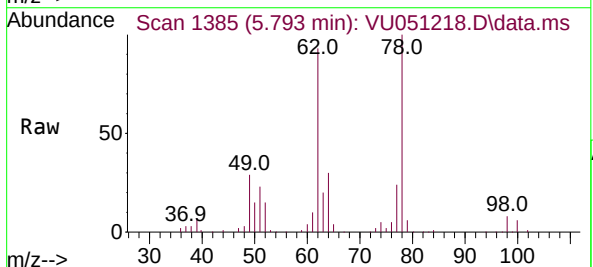
Acq: 07 Oct 2022 14:40

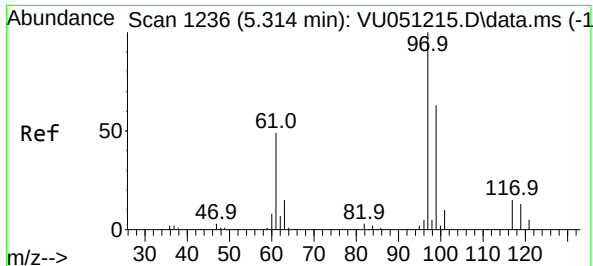
Tgt Ion: 62 Resp: 120380

Ion Ratio Lower Upper

62 100

98 8.8 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.125 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

VICV061

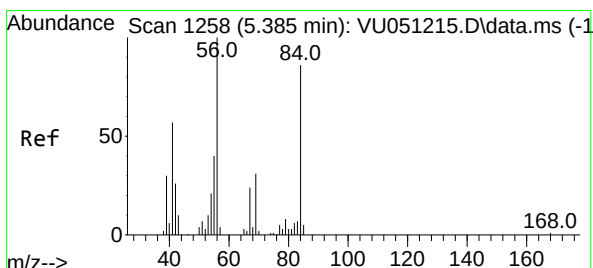
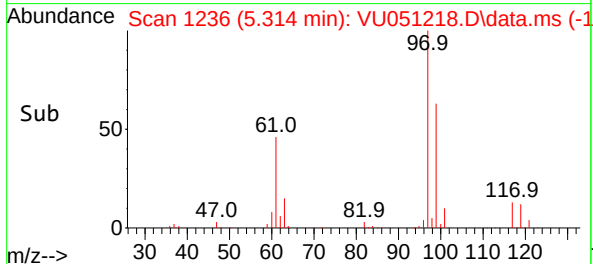
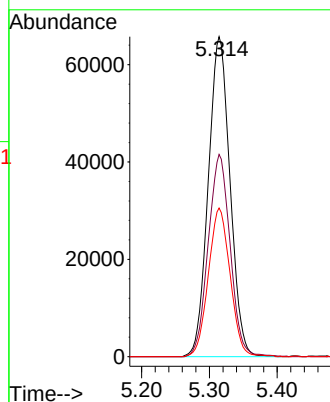
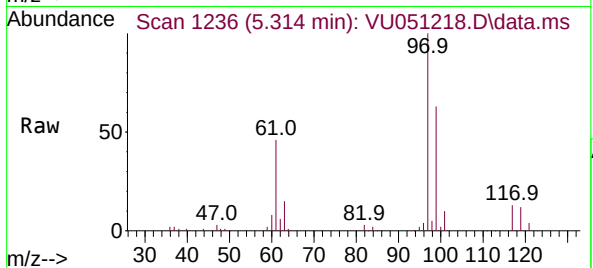
Tgt Ion: 97 Resp: 146327

Ion Ratio Lower Upper

97 100

99 64.0 50.2 75.4

61 46.7 38.7 58.1



#30

Cyclohexane

Concen: 5.190 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

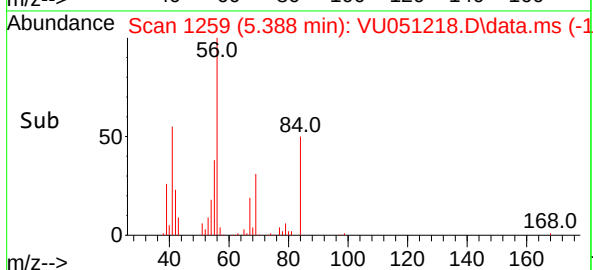
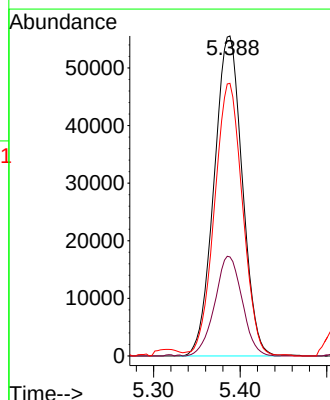
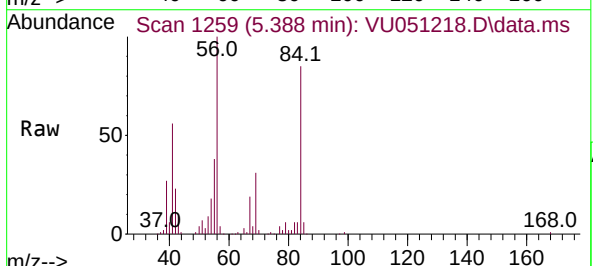
Tgt Ion: 56 Resp: 125680

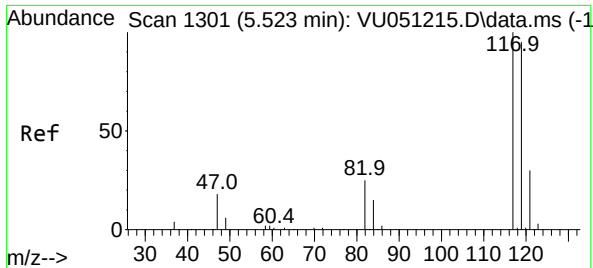
Ion Ratio Lower Upper

56 100

69 30.2 25.1 37.7

84 84.4 70.9 106.3

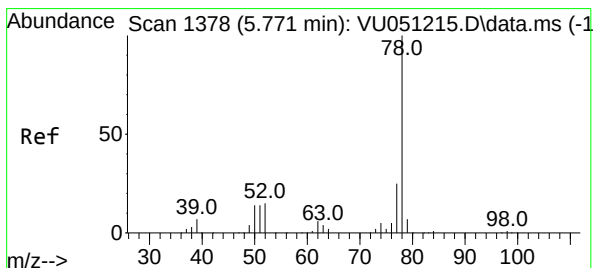
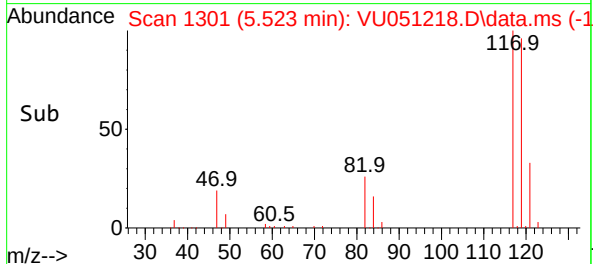
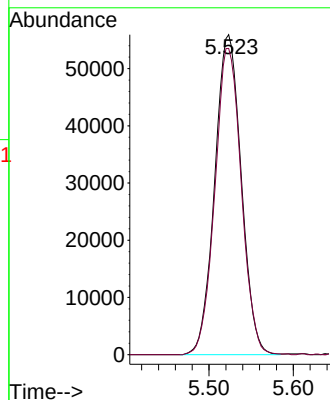
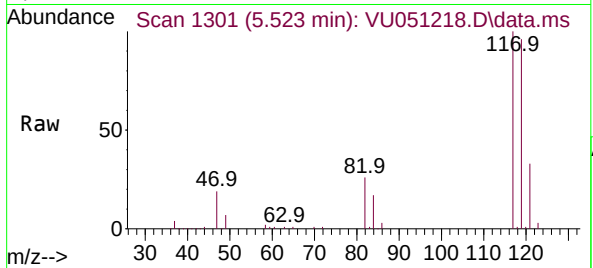




#31
Carbon tetrachloride
Concen: 5.055 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

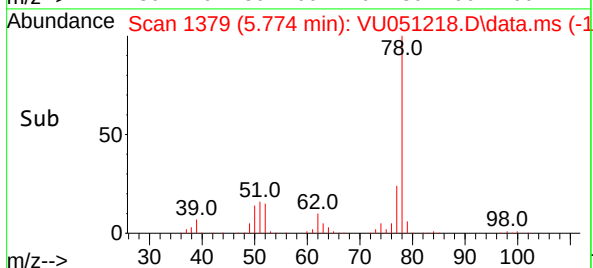
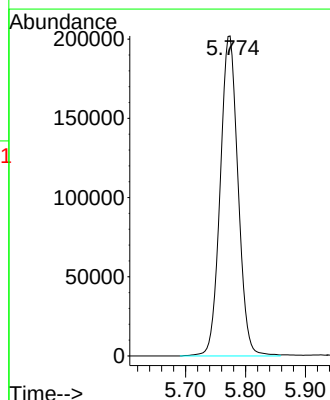
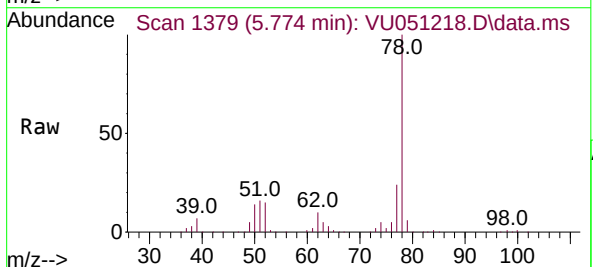
Instrument :
MSVOA_U
ClientSampleId :
VICV061

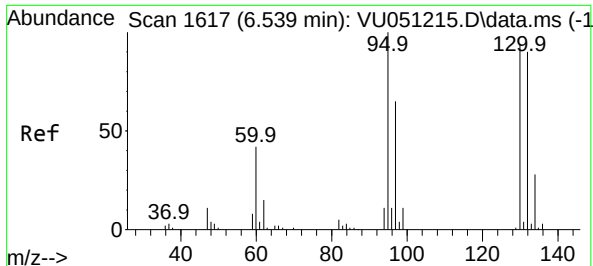
Tgt Ion:117 Resp: 122115
Ion Ratio Lower Upper
117 100
119 95.4 78.4 117.6



#33
Benzene
Concen: 5.229 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 78 Resp: 415930

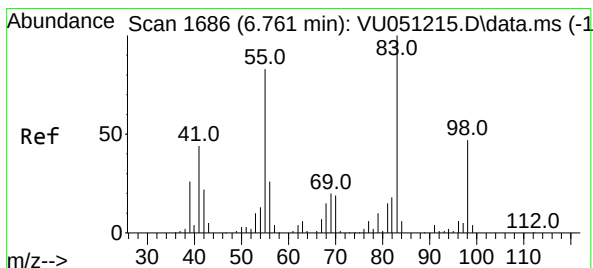
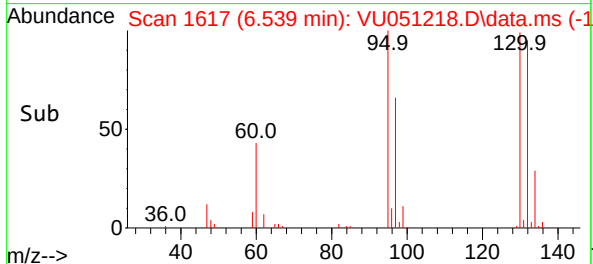
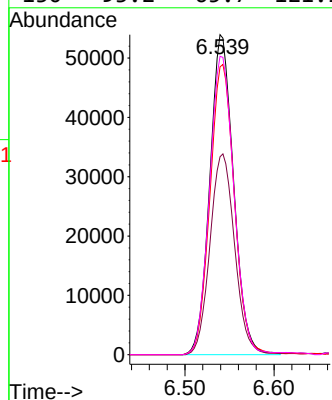
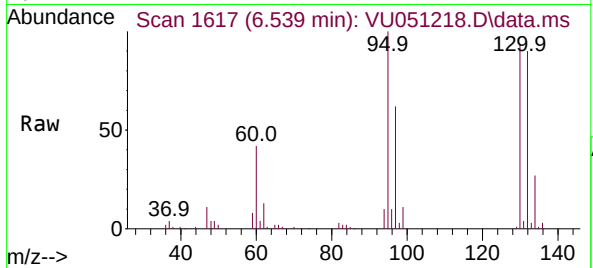




#34
Trichloroethene
Concen: 5.040 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

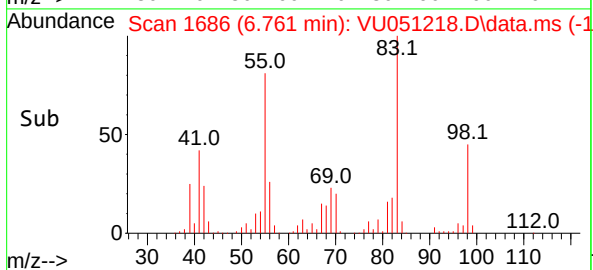
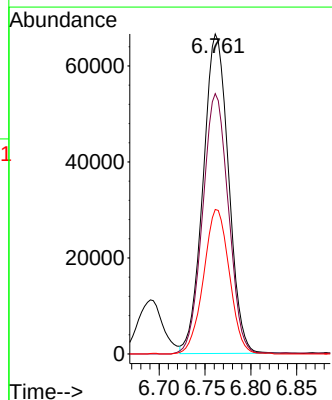
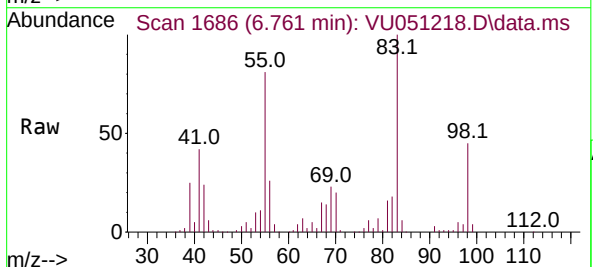
Instrument :
MSVOA_U
ClientSampleId :
VICV061

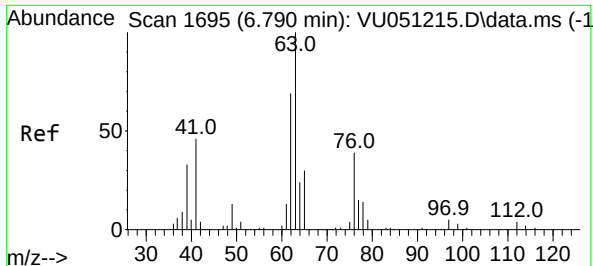
Tgt Ion: 95 Resp: 100014
Ion Ratio Lower Upper
95 100
97 61.8 45.4 84.2
132 90.0 63.1 117.3
130 93.2 65.7 121.9



#35
Methylcyclohexane
Concen: 5.124 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 83 Resp: 128289
Ion Ratio Lower Upper
83 100
55 82.7 65.8 98.6
98 45.9 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.258 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

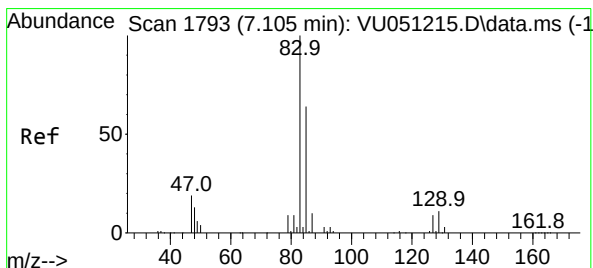
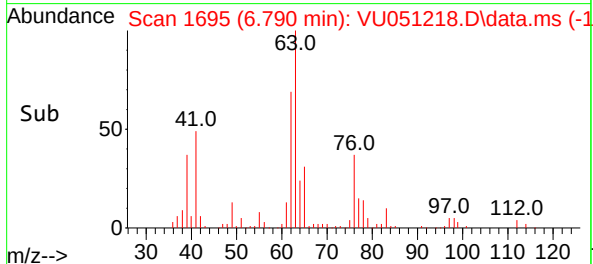
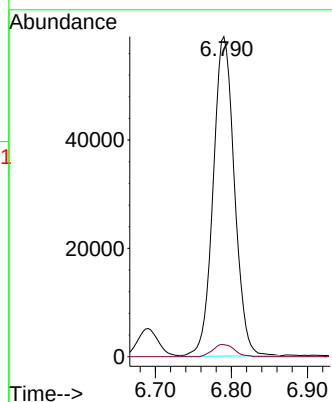
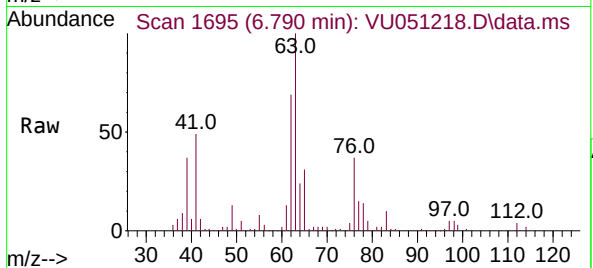
VICV061

Tgt Ion: 63 Resp: 114634

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.291 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

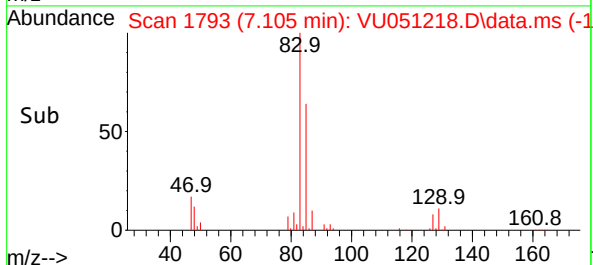
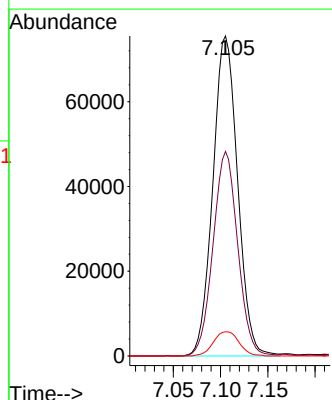
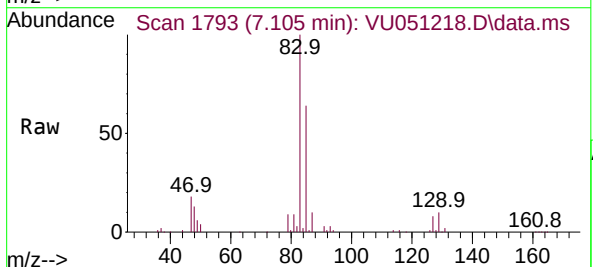
Tgt Ion: 83 Resp: 137607

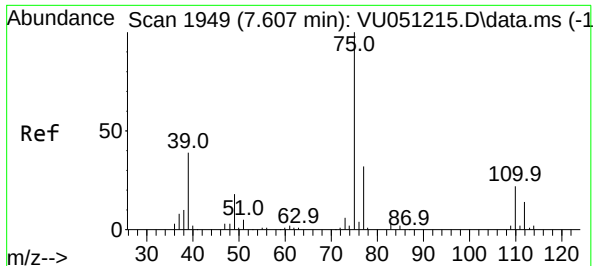
Ion Ratio Lower Upper

83 100

85 63.9 44.8 83.2

127 7.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.349 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

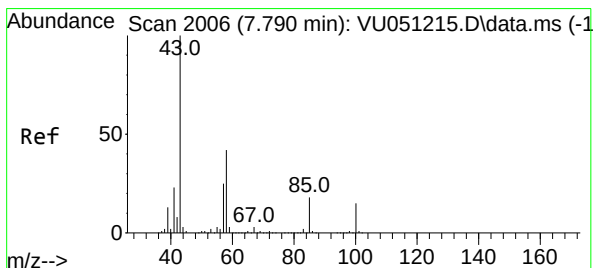
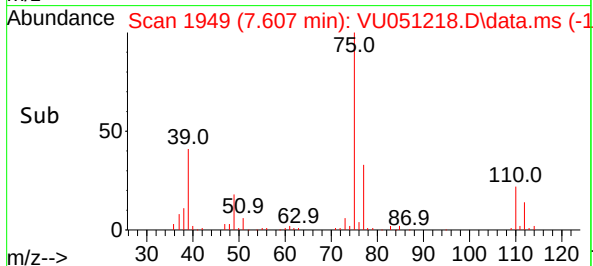
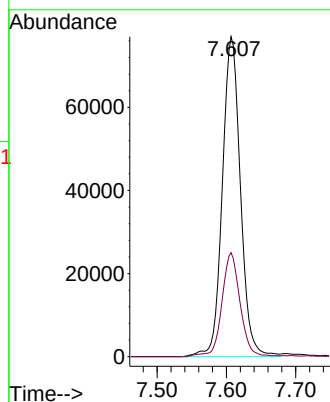
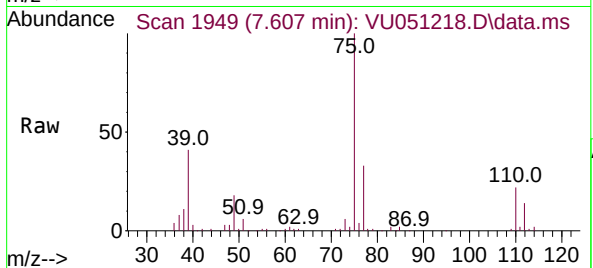
VICV061

Tgt Ion: 75 Resp: 140190

Ion Ratio Lower Upper

75 100

77 32.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 58.947 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

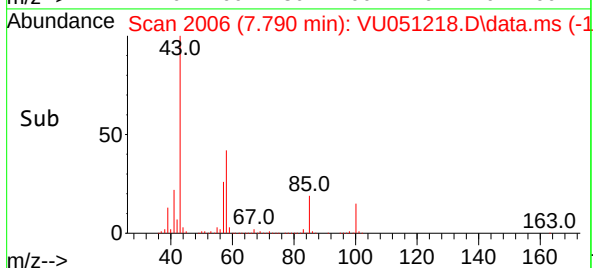
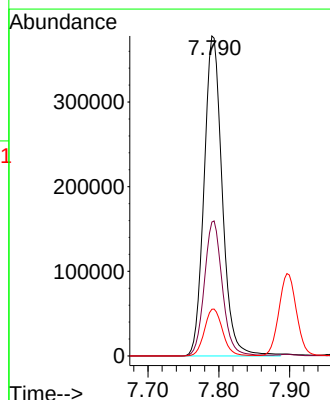
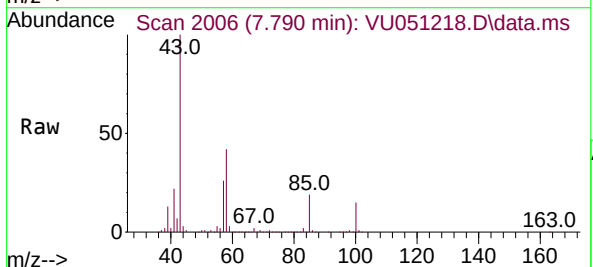
Tgt Ion: 43 Resp: 674302

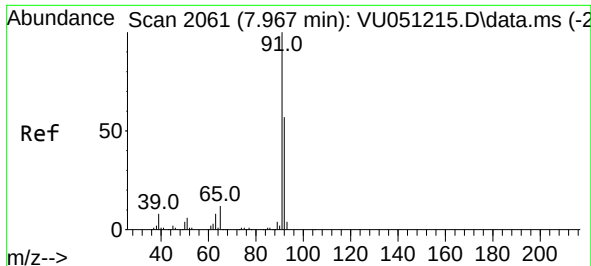
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.6

100 14.7 11.8 17.6





#42

Toluene

Concen: 5.244 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

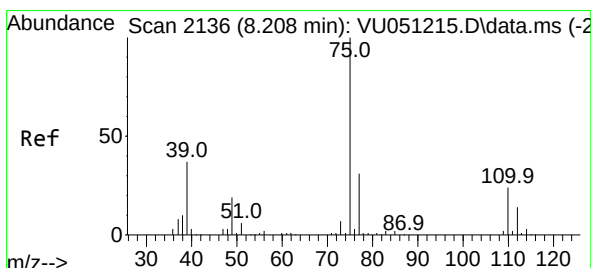
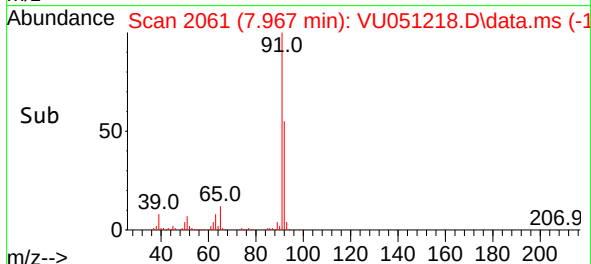
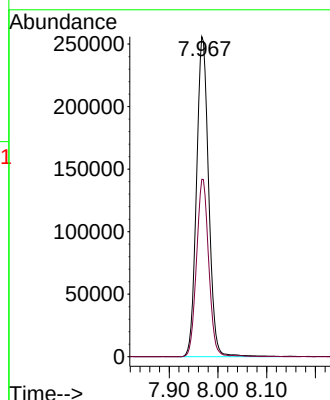
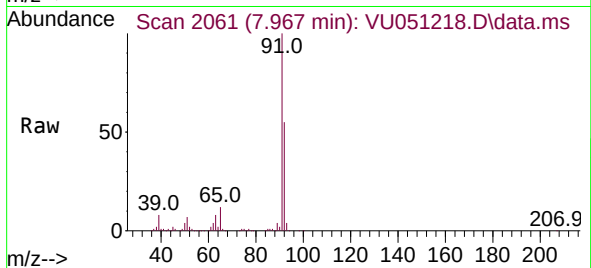
VICV061

Tgt Ion: 91 Resp: 442813

Ion Ratio Lower Upper

91 100

92 55.5 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.518 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051218.D

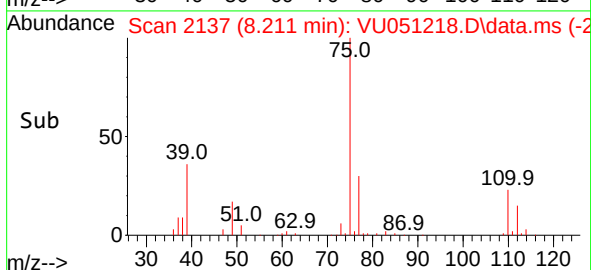
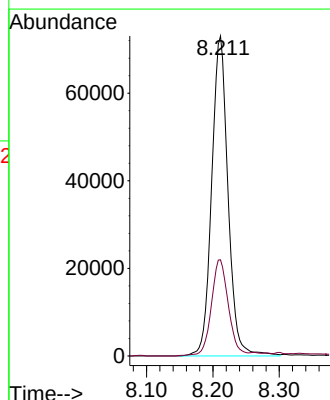
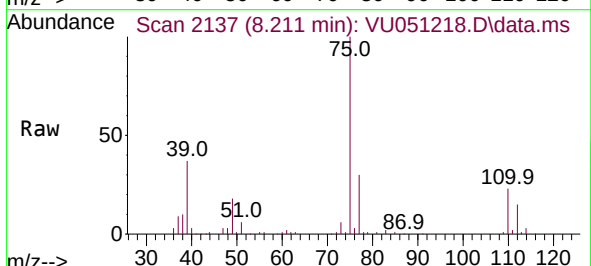
Acq: 07 Oct 2022 14:40

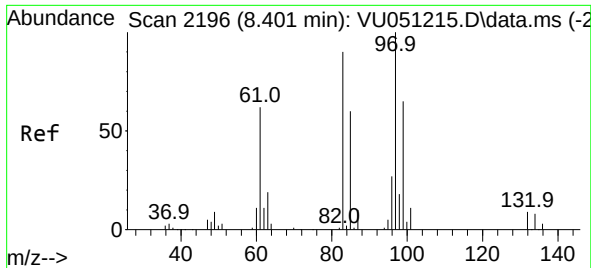
Tgt Ion: 75 Resp: 125057

Ion Ratio Lower Upper

75 100

77 30.0 21.8 40.6

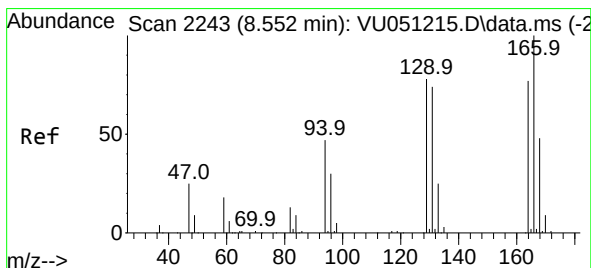
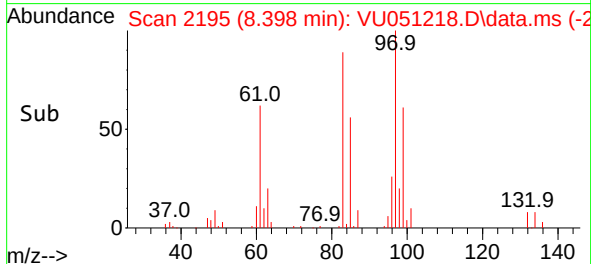
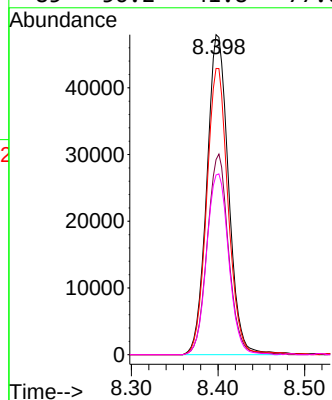
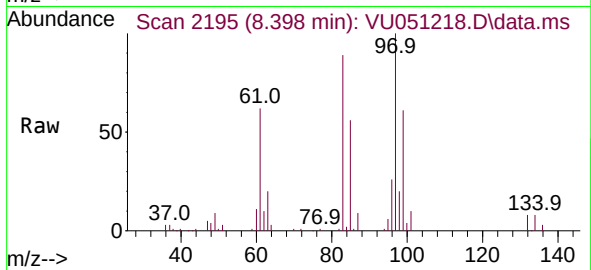




#45
1,1,2-Trichloroethane
Concen: 5.456 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

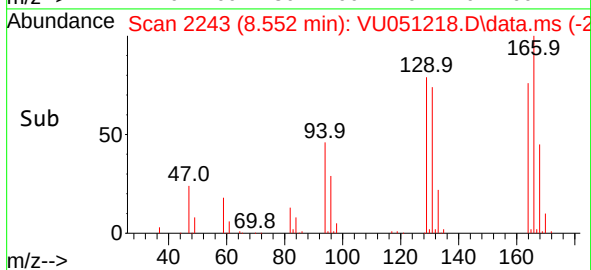
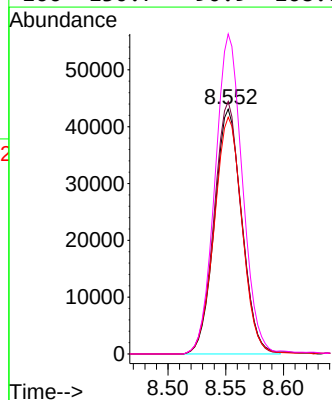
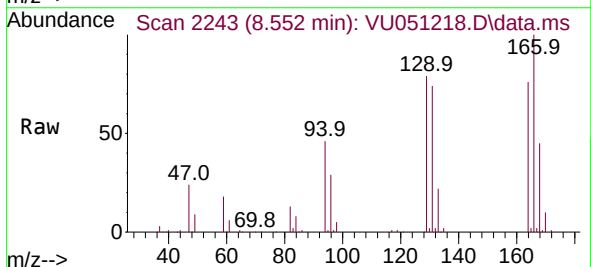
Instrument :
MSVOA_U
ClientSampleId :
VICV061

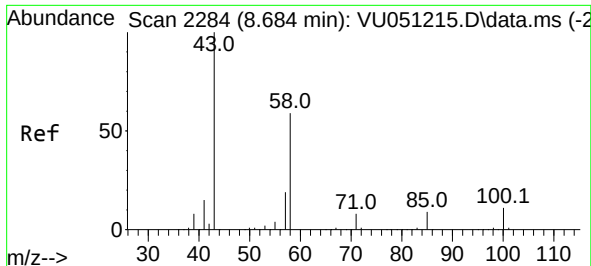
Tgt Ion:	97	Resp:	83521
Ion	Ratio	Lower	Upper
97	100		
99	61.0	45.3	84.1
83	89.5	63.1	117.1
85	56.2	41.8	77.6



#47
Tetrachloroethene
Concen: 4.877 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion:	164	Resp:	71161
Ion	Ratio	Lower	Upper
164	100		
129	103.2	71.3	132.3
131	96.7	66.9	124.3
166	130.7	90.9	168.7

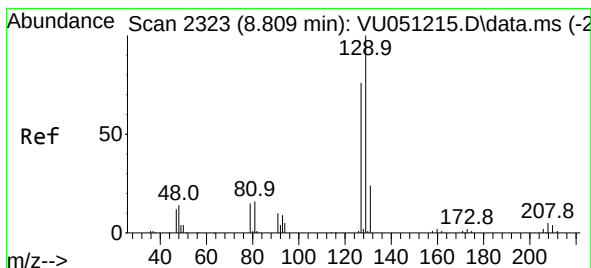
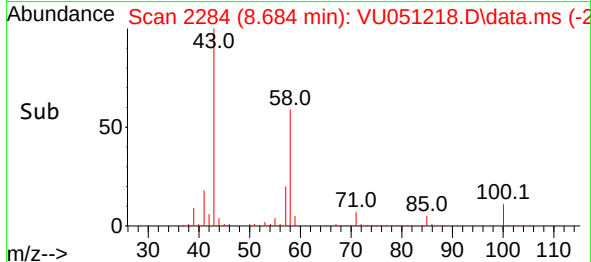
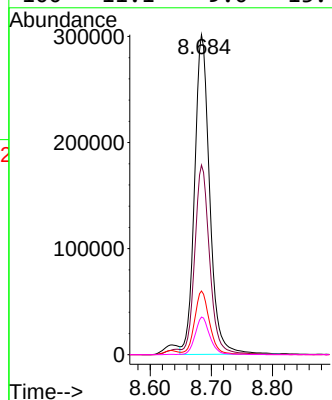
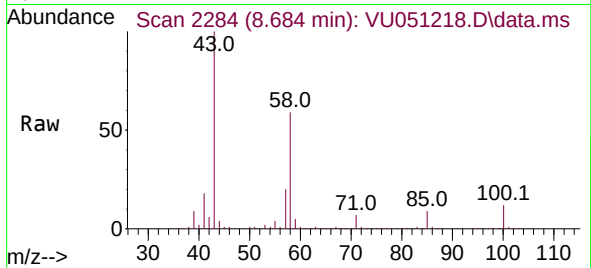




#48
2-Hexanone
Concen: 60.679 ug/L
RT: 8.684 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

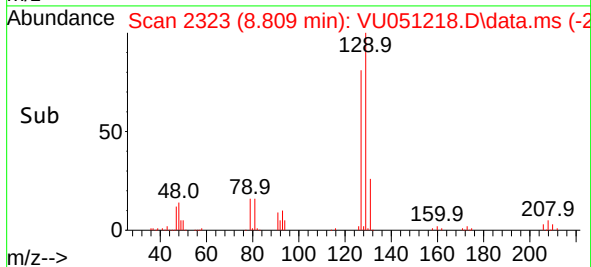
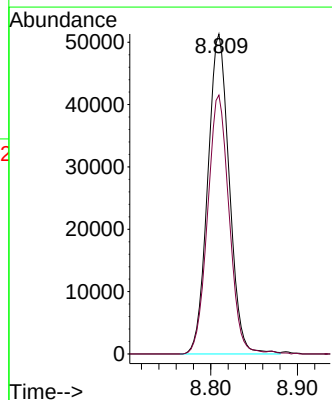
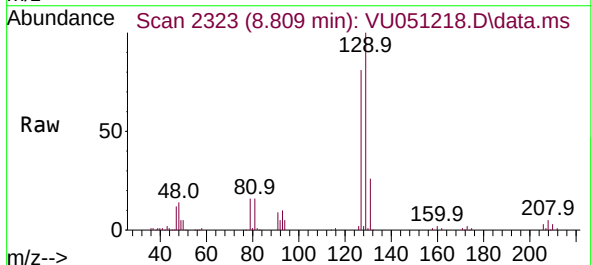
Instrument :
MSVOA_U
ClientSampleId :
VICV061

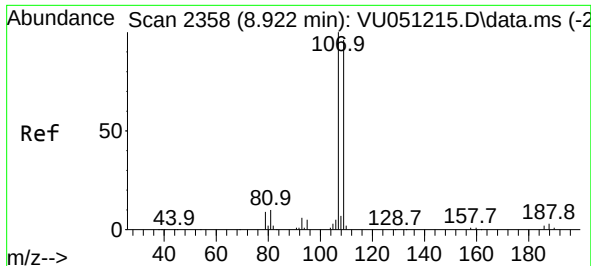
Tgt Ion:	43	Resp:	516823
Ion	Ratio	Lower	Upper
43	100		
58	58.1	48.2	72.2
57	19.3	15.5	23.3
100	11.1	9.0	13.4



#49
Dibromochloromethane
Concen: 5.151 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion:	129	Resp:	88539
Ion	Ratio	Lower	Upper
129	100		
127	80.9	53.5	99.3

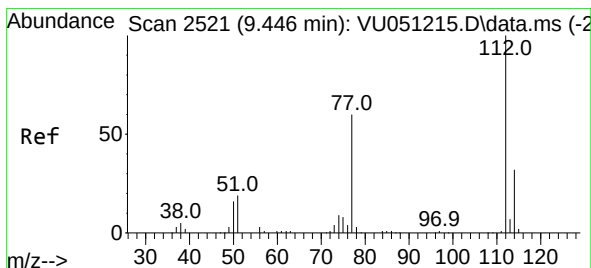
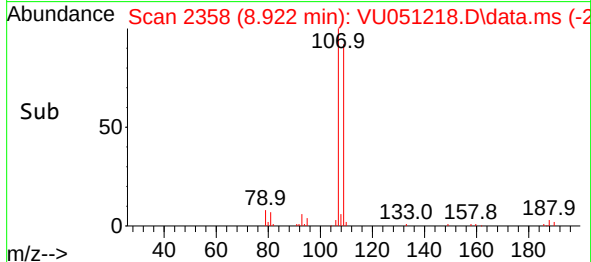
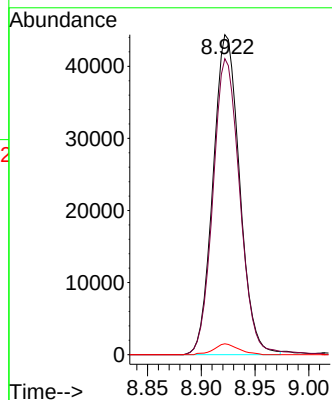
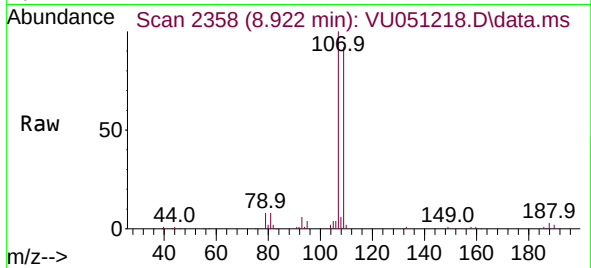




#50
 1,2-Dibromoethane
 Concen: 5.596 ug/L
 RT: 8.922 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

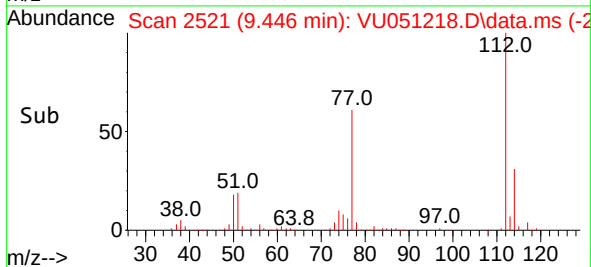
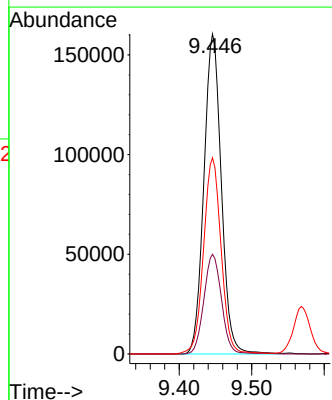
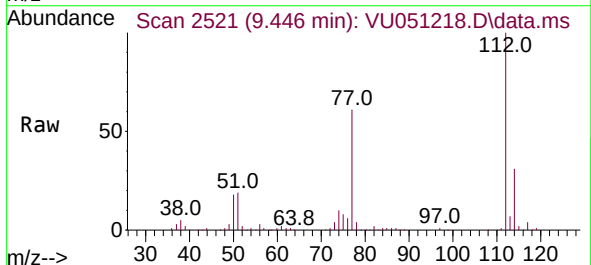
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

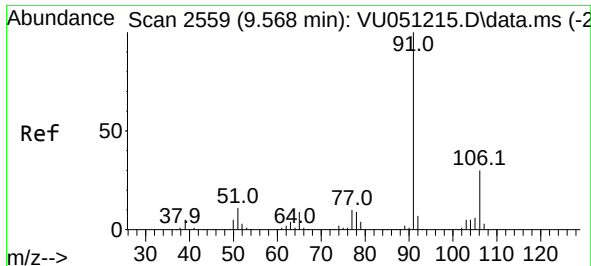
Tgt Ion:107 Resp: 76262
 Ion Ratio Lower Upper
 107 100
 109 92.5 67.1 124.7
 188 3.4 2.5 3.7



#51
 Chlorobenzene
 Concen: 5.308 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

Tgt Ion:112 Resp: 267794
 Ion Ratio Lower Upper
 112 100
 114 31.1 22.3 41.5
 77 61.3 48.1 72.1

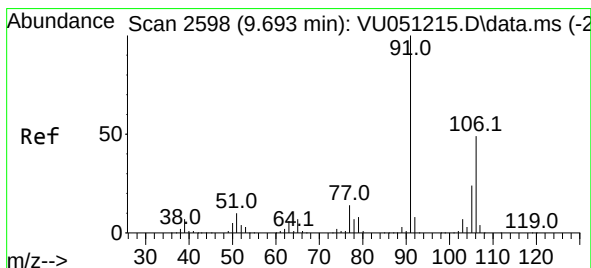
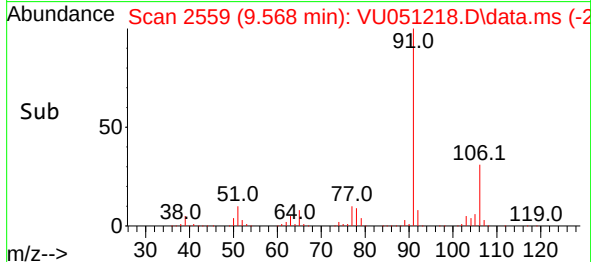
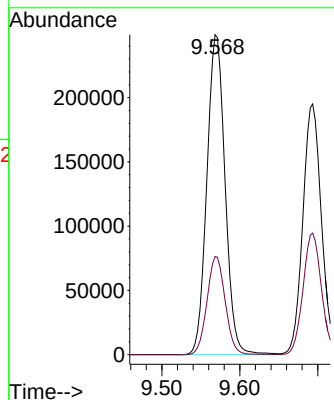
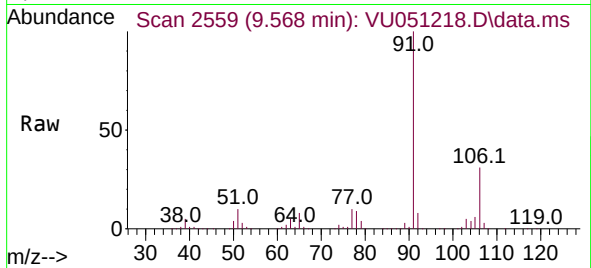




#52
Ethylbenzene
Concen: 5.333 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

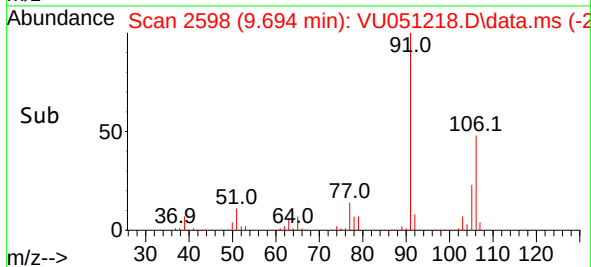
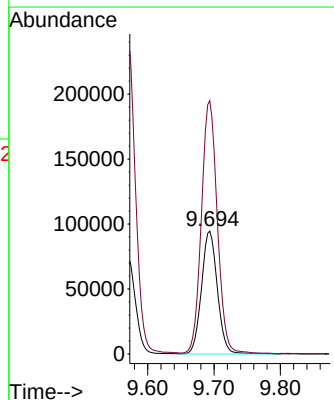
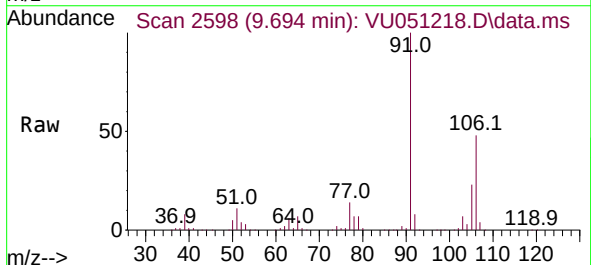
Instrument :
MSVOA_U
ClientSampleId :
VICV061

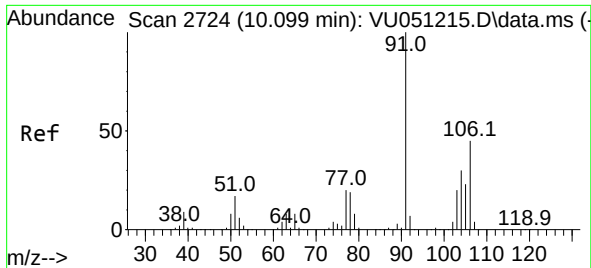
Tgt Ion: 91 Resp: 404698
Ion Ratio Lower Upper
91 100
106 30.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.335 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 106 Resp: 157012
Ion Ratio Lower Upper
106 100
91 206.2 143.9 267.3

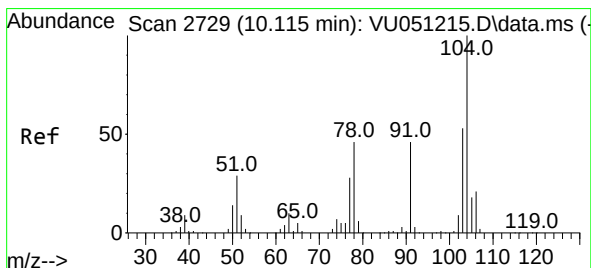
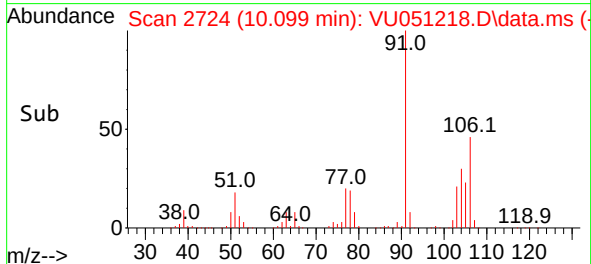
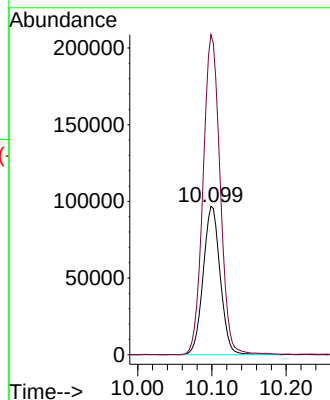
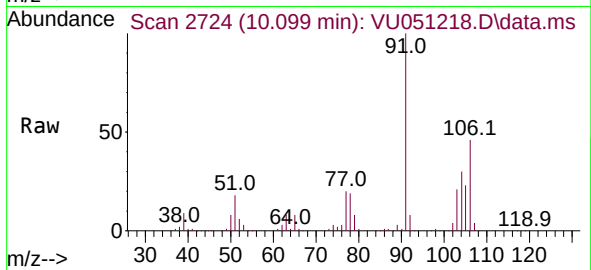




#54
o-Xylene
Concen: 5.526 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

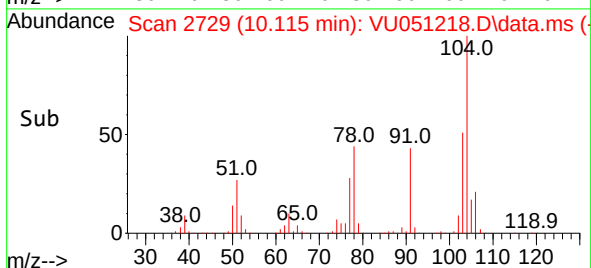
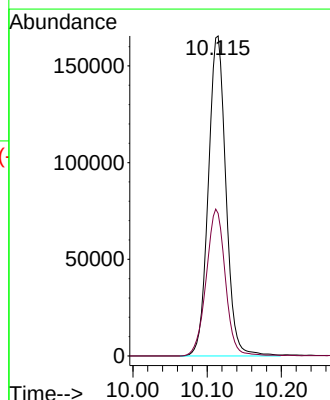
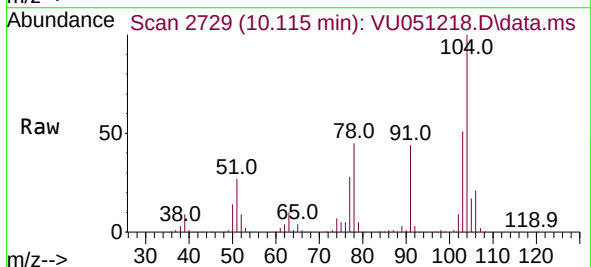
Instrument :
MSVOA_U
ClientSampleId :
VICV061

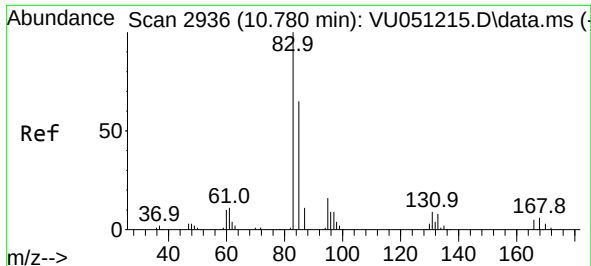
Tgt Ion:106 Resp: 153860
Ion Ratio Lower Upper
106 100
91 215.8 154.4 286.8



#55
Styrene
Concen: 5.677 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion:104 Resp: 272099
Ion Ratio Lower Upper
104 100
78 44.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.330 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

VICV061

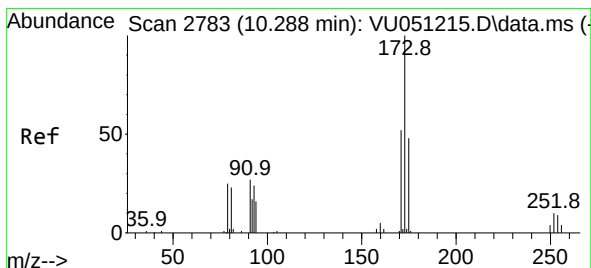
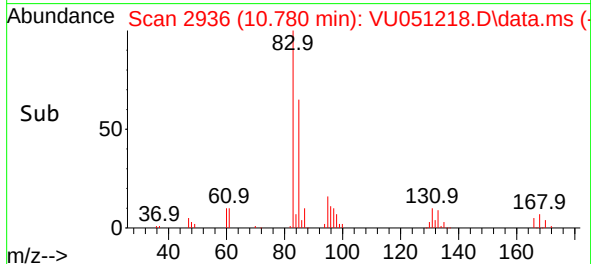
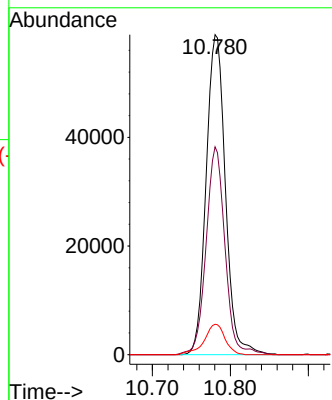
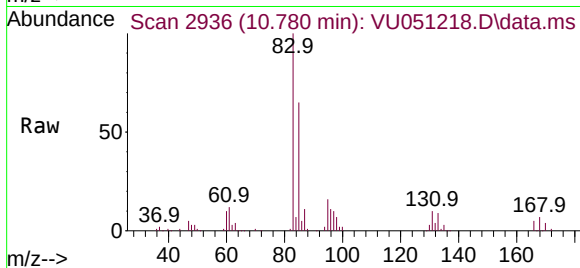
Tgt Ion: 83 Resp: 101005

Ion Ratio Lower Upper

83 100

85 65.0 45.9 85.3

131 9.5 7.4 11.2



#59

Bromoform

Concen: 5.117 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

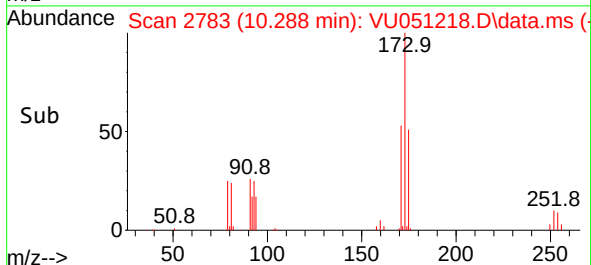
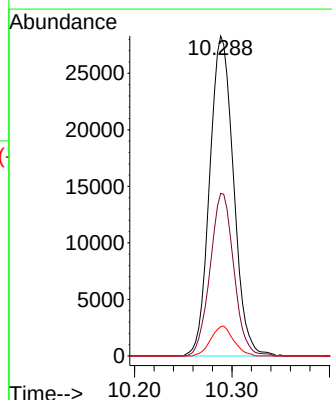
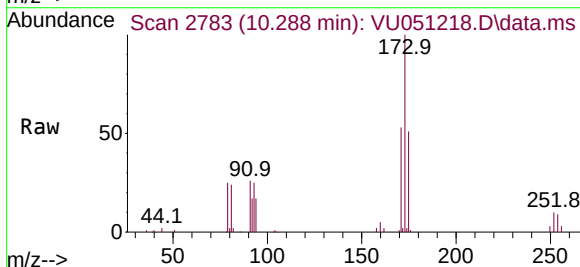
Tgt Ion:173 Resp: 48178

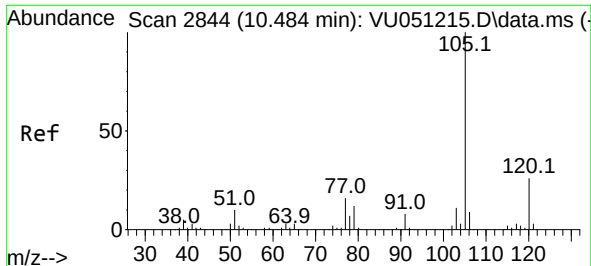
Ion Ratio Lower Upper

173 100

175 50.5 39.0 58.4

254 8.9 7.5 11.3

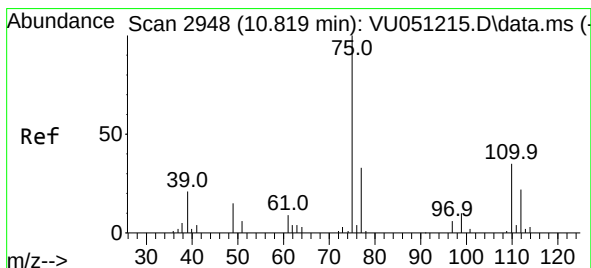
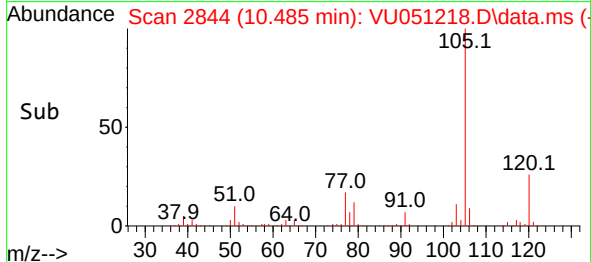
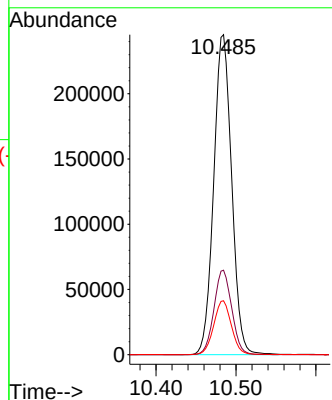
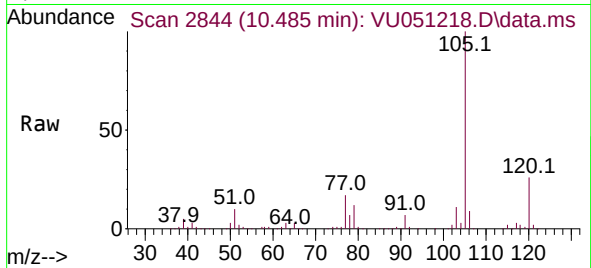




#60
Isopropylbenzene
Concen: 5.329 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

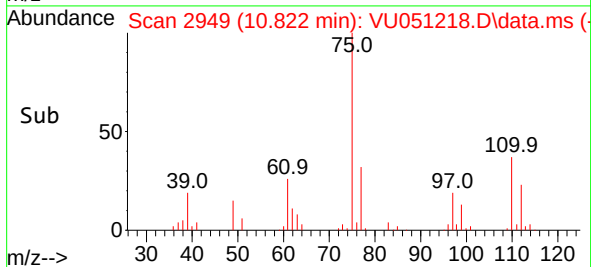
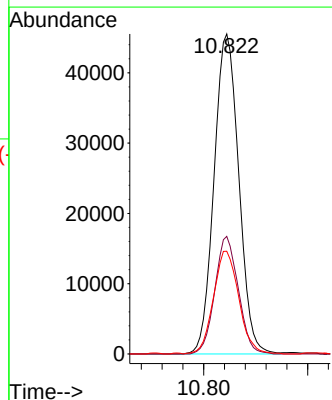
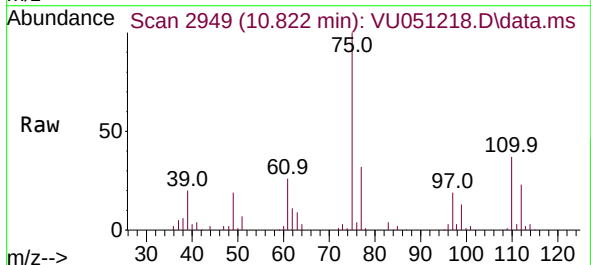
Instrument :
MSVOA_U
ClientSampleId :
VICV061

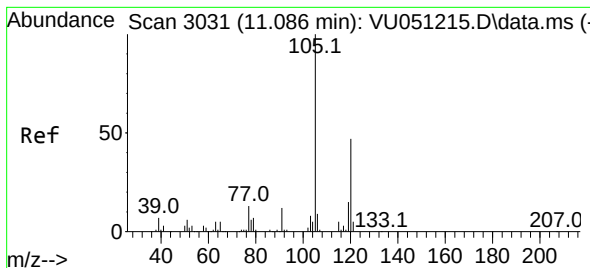
Tgt Ion:105 Resp: 381954
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.266 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 75 Resp: 75249
Ion Ratio Lower Upper
75 100
110 34.7 27.0 40.6
77 33.0 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 5.078 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

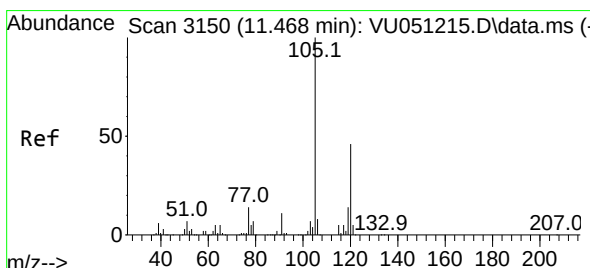
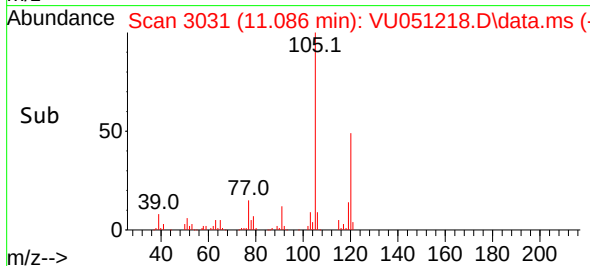
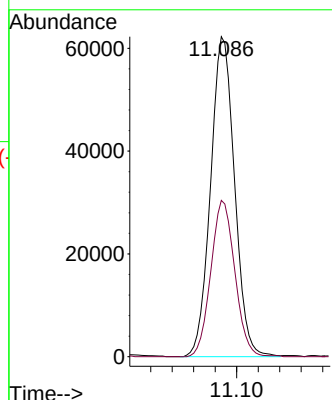
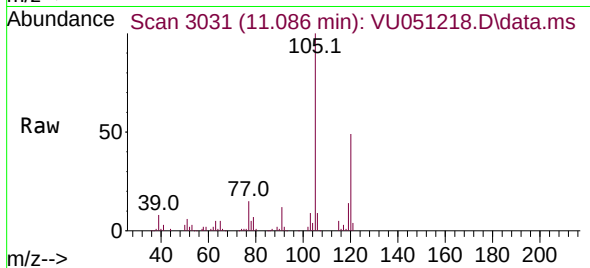
VICV061

Tgt Ion:105 Resp: 96553

Ion Ratio Lower Upper

105 100

120 48.8 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 5.244 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU051218.D

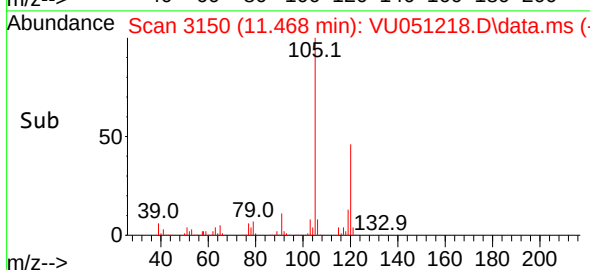
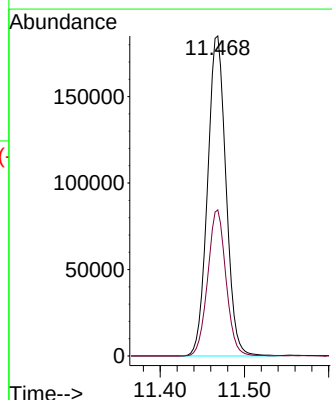
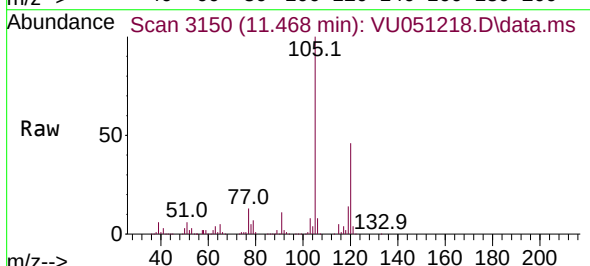
Acq: 07 Oct 2022 14:40

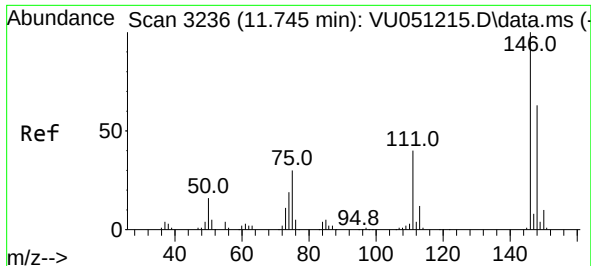
Tgt Ion:105 Resp: 281968

Ion Ratio Lower Upper

105 100

120 45.3 35.6 53.4

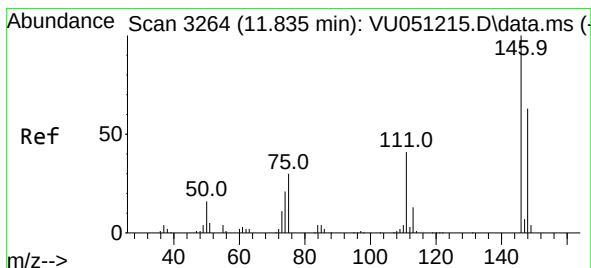
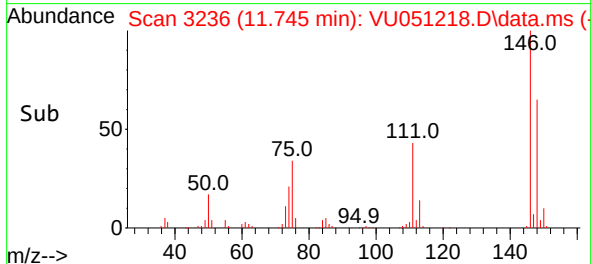
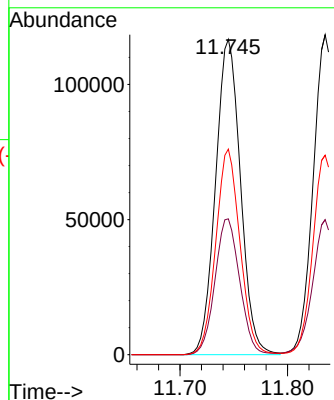
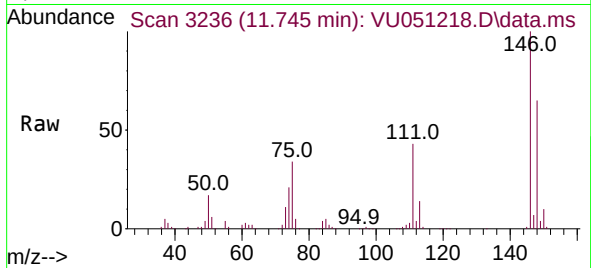




#64
1,3-Dichlorobenzene
Concen: 5.310 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

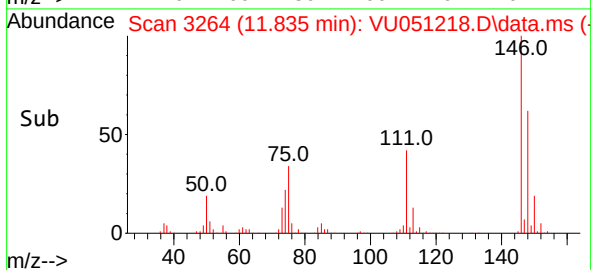
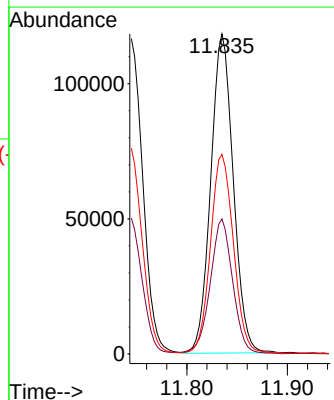
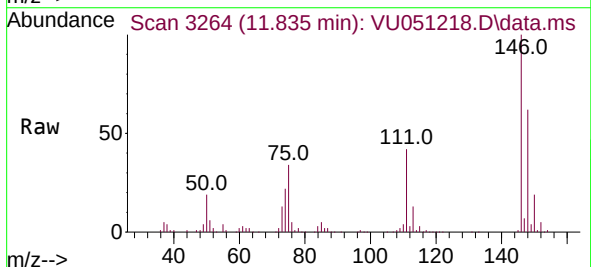
Instrument :
MSVOA_U
ClientSampleId :
VICV061

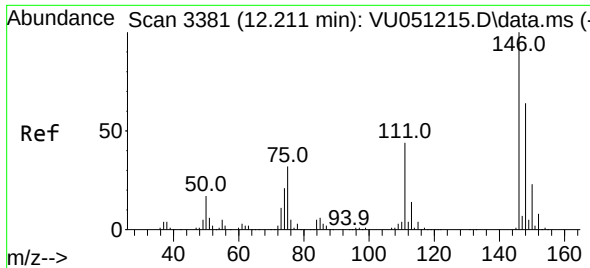
Tgt Ion:146 Resp: 188254
Ion Ratio Lower Upper
146 100
111 43.1 28.3 52.7
148 65.2 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.265 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion:146 Resp: 183988
Ion Ratio Lower Upper
146 100
111 42.2 29.1 54.1
148 62.4 44.2 82.0

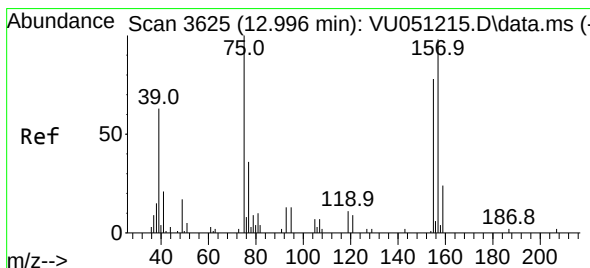
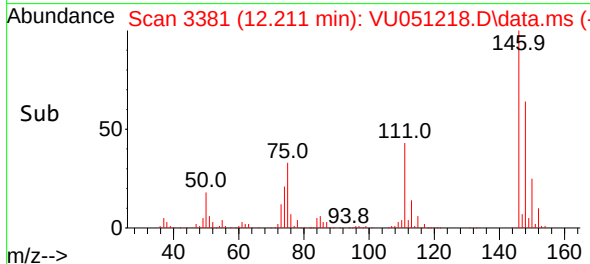
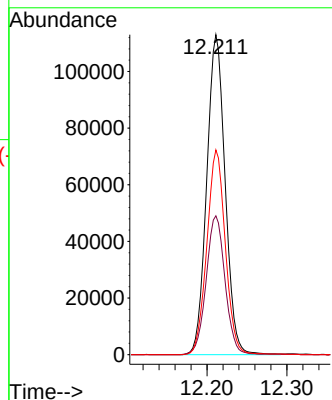
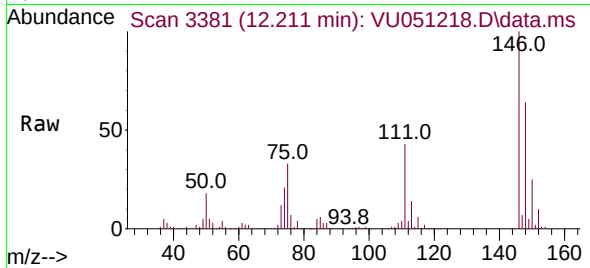




#67
1,2-Dichlorobenzene
Concen: 5.261 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

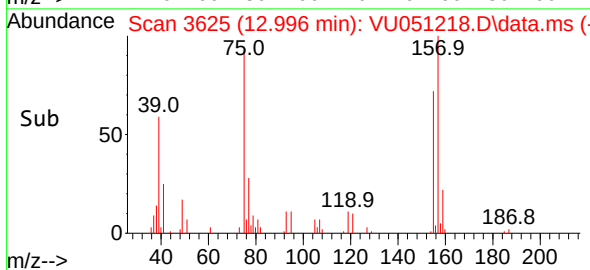
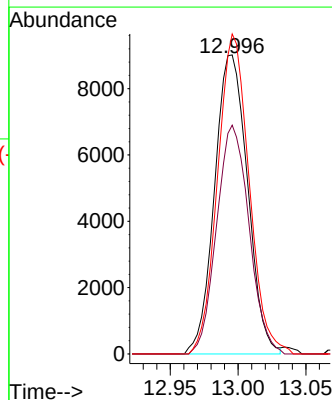
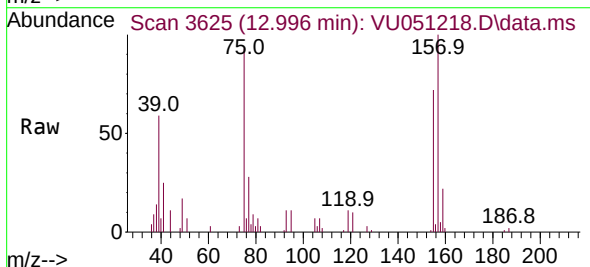
Instrument :
MSVOA_U
ClientSampleId :
VICV061

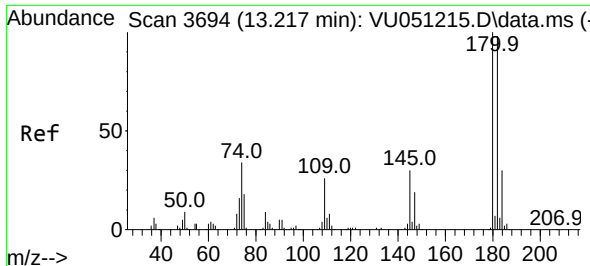
Tgt Ion:146 Resp: 181349
Ion Ratio Lower Upper
146 100
111 43.4 35.5 53.3
148 64.0 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.586 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU051218.D
Acq: 07 Oct 2022 14:40

Tgt Ion: 75 Resp: 15268
Ion Ratio Lower Upper
75 100
155 76.5 62.7 94.1
157 107.0 78.3 117.5

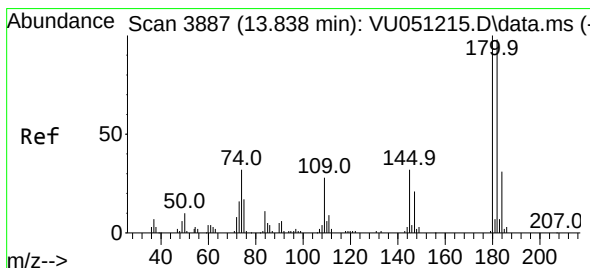
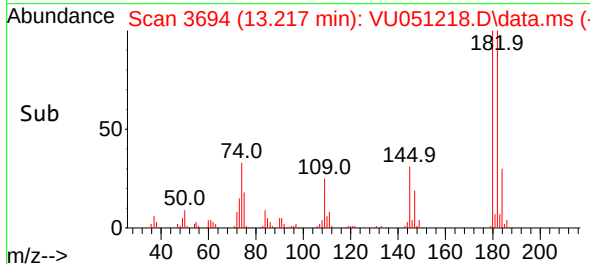
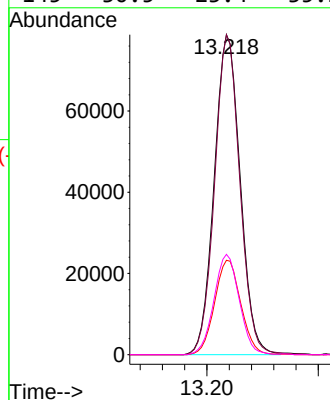
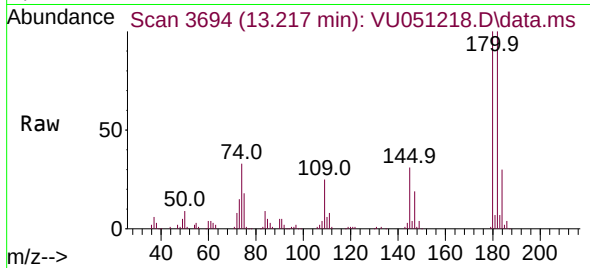




#69
 1,3,5-Trichlorobenzene
 Concen: 5.218 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

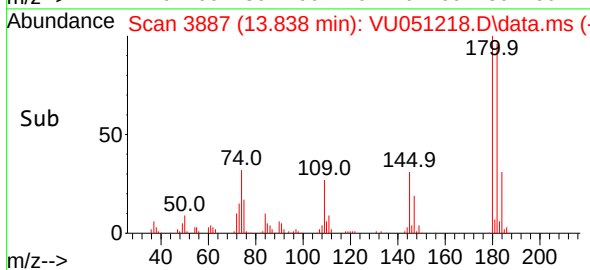
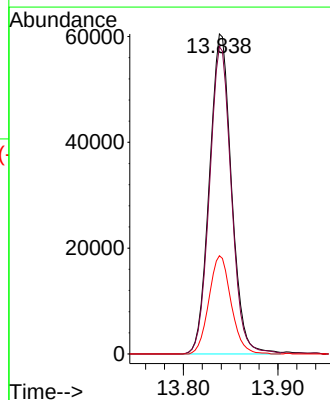
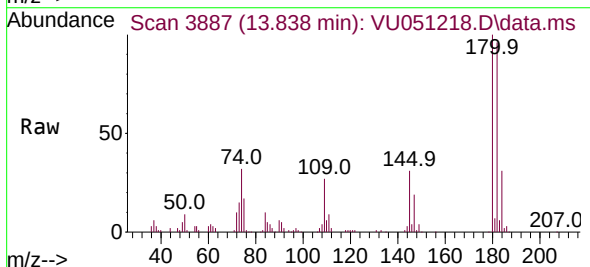
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

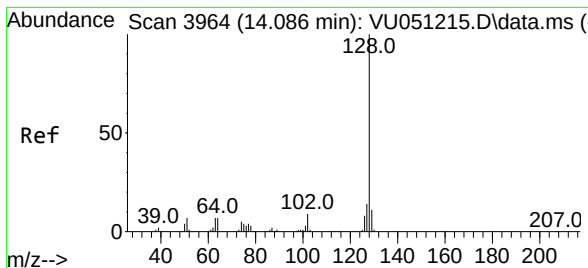
Tgt Ion:	180	Resp:	127517
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.7	116.5
184	29.8	23.6	35.4
145	30.5	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.662 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051218.D
 Acq: 07 Oct 2022 14:40

Tgt Ion:	180	Resp:	98350
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.7	118.1
145	30.8	25.0	37.4





#71

Naphthalene

Concen: 5.698 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

VICV061

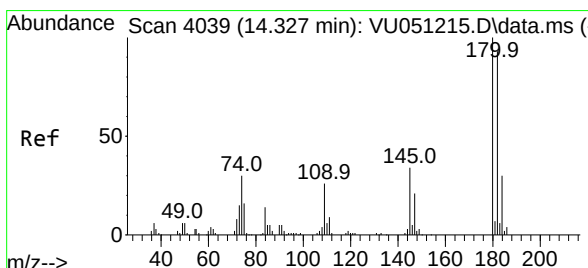
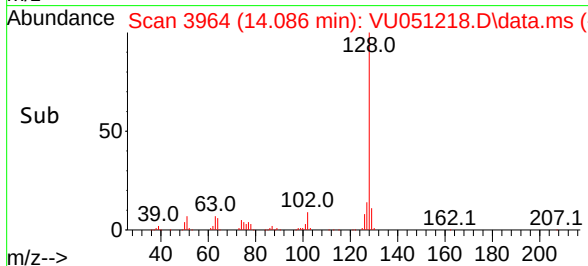
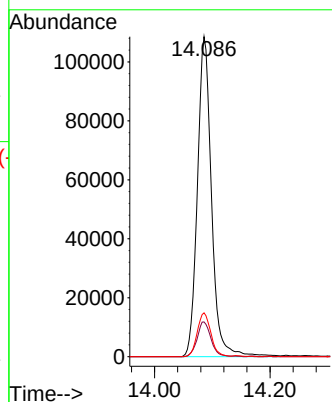
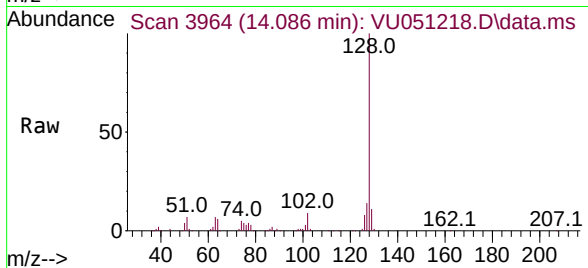
Tgt Ion:128 Resp: 183977

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.2 11.1 16.7



#72

1,2,3-Trichlorobenzene

Concen: 5.627 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU051218.D

Acq: 07 Oct 2022 14:40

Tgt Ion:180 Resp: 101098

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 31.9 25.8 38.8

